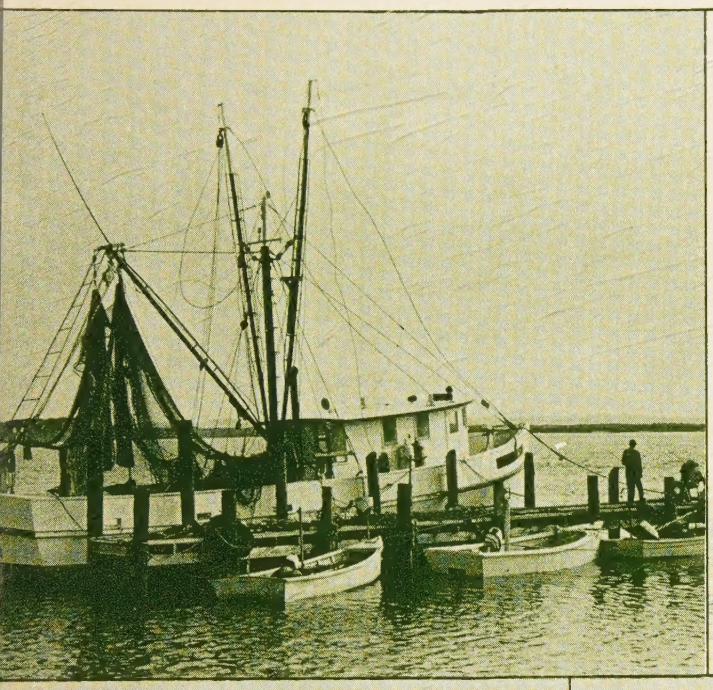
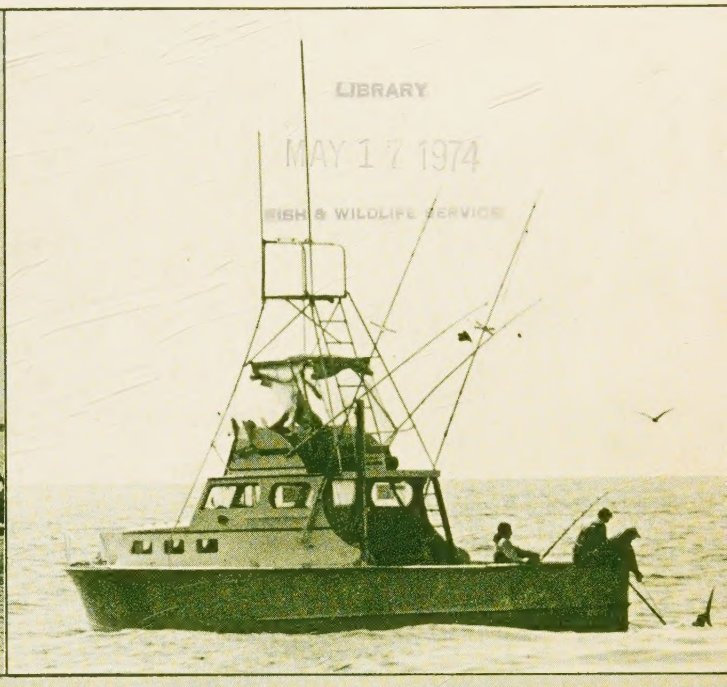
CURRENT FISHERY STATISTICS NO. 6400

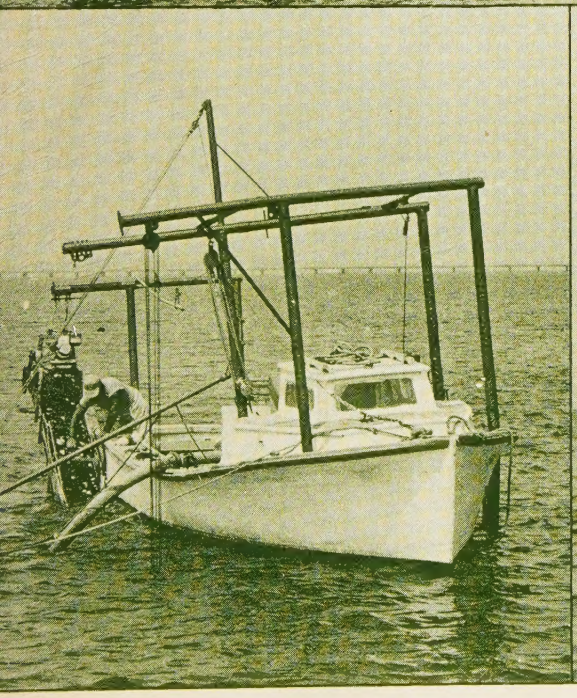
Fisheries of the United States, 1973

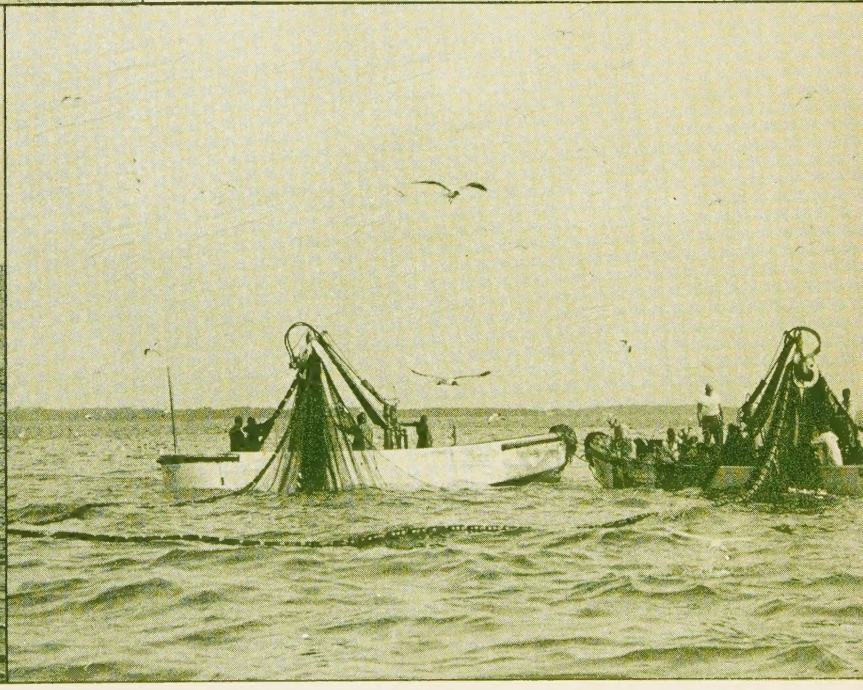
WASHINGTON, D.C. MARCH 1974



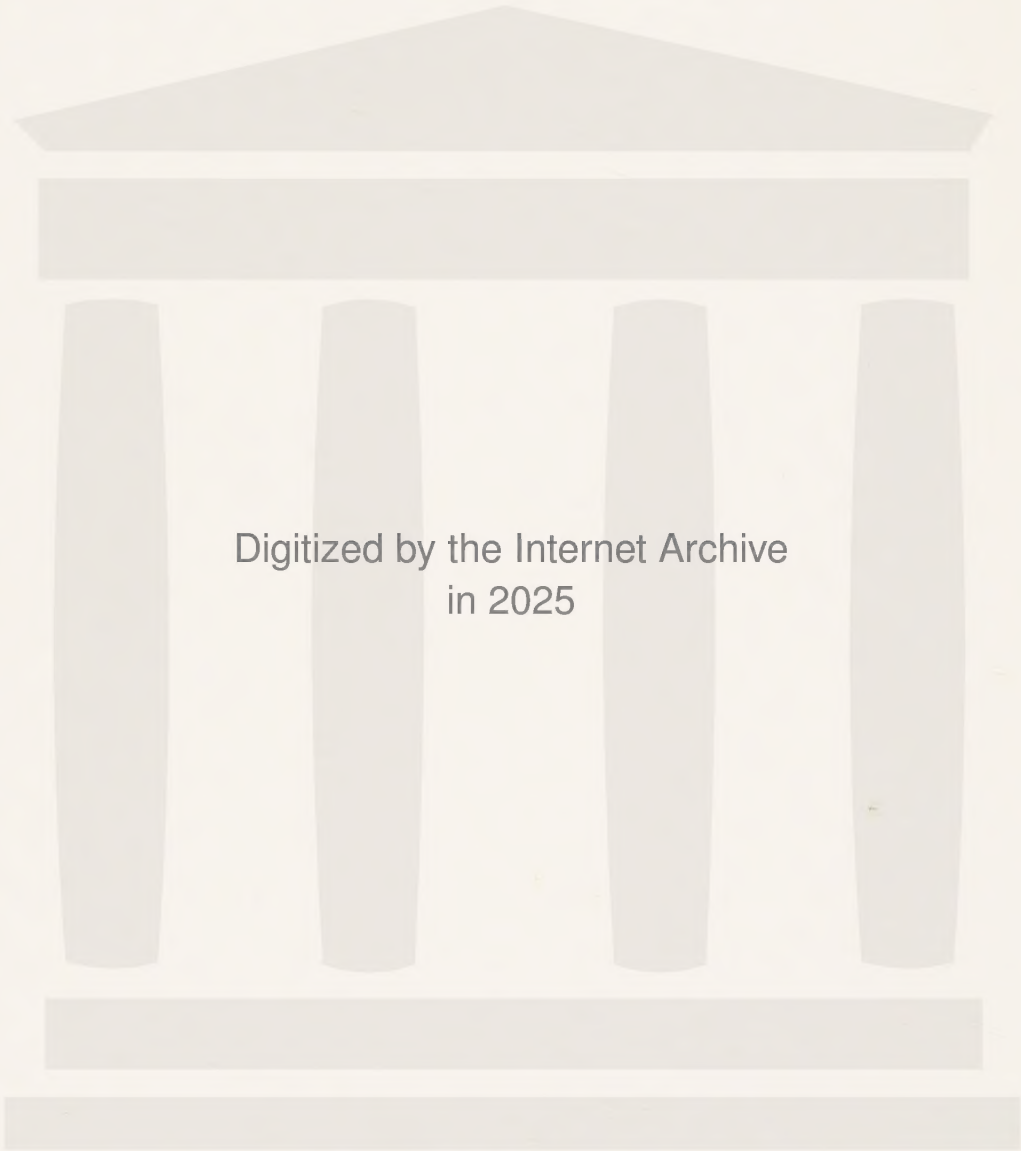


LIBRARY
MAY 17 1974
FISH & WILDLIFE SERVICE





noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / NATIONAL MARINE FISHERIES SERVICE


Digitized by the Internet Archive
in 2025

https://archive.org/details/fisheries-of-the-united-states_1973_1

CURRENT FISHERY STATISTICS NO. 6400

Fisheries of the United States, 1973

PREPARED BY
STATISTICS AND MARKET NEWS DIVISION
B. G. THOMPSON, ACTING CHIEF

WASHINGTON, D.C.
MARCH 1974

UNITED STATES
DEPARTMENT OF COMMERCE
Frederick B. Dent, Secretary

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
Robert M. White, Administrator

NATIONAL MARINE
FISHERIES SERVICE
Robert W. Schoning, Director

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.
Price $1.50

PREFACE

This is a preliminary report on the fisheries of the United States for 1973. The report is a continuation of similar annual reports designed to provide timely answers to frequently asked questions for the year just ended. Final data will be published in Fishery Statistics of the United States, 1973 (Statistical Digest No. 67).

Information presented in this report came from many sources. Data on U.S. landings and processed fishery products were collected and compiled by the Regional Statistics and Market News Divisions of the National Marine Fisheries Service (NMFS) in cooperation with the various States. The data were tabulated and made ready for publication by the Washington office of the Statistics and Market News Division. Sources of other data appearing in this publication are: the U.S. Bureau of the Census, Customs Service, Bureau of Labor Statistics, Coast Guard, Department of Defense, Department of the Interior, and the Food and Agriculture Organization (FAO) of the United Nations.

The NMFS Statistics and Market News Division wishes to take this opportunity to thank all those States and members of industry who continually provide the data that make reports such as this one possible. All data appearing in this publication are consistent with the provisions of the Federal Reports Act of 1942.

As in all past issues of this report the units of quantity and value are defined as follows: U.S. or domestic landings are shown in terms of round weight, unless otherwise noted; quantities shown for U.S. imports and exports are in product weight as reported by the Bureau of the Census, unless otherwise noted; the value of the U.S. or domestic catch is exvessel (see Glossary); the value for U.S. imports generally is the market value in the foreign (exporting) country and, therefore, excludes U.S. import duties, freight charges from the foreign country to the United States and insurance; the value for exports generally is the value at the U.S. port of export, based on the selling price, including inland freight, insurance, and other charges.

Marine recreational fishing has been given more emphasis in this issue. We added a narrative account to the "Review" and included two tables, "U.S. marine recreational catch of finfish: Estimate of weight by species and by region, 1970" and "U.S. marine recreational fisheries: Number of marine fishermen, expenditures, and total catch by coast, 1955, 1960, 1965, and 1970."

Because the Statistics and Market News Division wishes to provide the kinds of data wanted by users of fishery statistics, the Division welcomes any comments or suggestions that will lead to an improvement in the presentation of fishery data. Please address any comments or suggestions to: Chief, Statistics and Market News Division, National Marine Fisheries Service, NOAA, U.S. Department of Commerce, Washington, D.C. 20235.

CONTENTS

Page

PREFACE iii

REVIEW, 1973 1

U.S. COMMERCIAL LANDINGS

U.S. commercial landings by species, 1972 and 1973 19
Commercial landings of fish and shellfish by U.S. fishing craft: By species, by distance caught off U.S. shores, and caught in international waters off foreign shores, 1973 . . 22
U.S. commercial landings by States, 1972 and 1973 26
U.S. commercial landings by regions, 1972 and 1973 27
Quantity and value of commercial landings at certain U.S. ports, 1973. 27
U.S. commercial landings of fish and shellfish, 1960-73. 28
Disposition of commercial landings, 1972 and 1973 29
Monthly commercial landings and utilization of fish and shellfish, 1973 29
Take of Pribilof Islands sealskins, 1961-73. 30
Average value of Pribilof Islands sealskins, 1961-73 30

U.S. MARINE RECREATIONAL FISHERIES

U.S. marine recreational fisheries: Number of marine fishermen, expenditures, and total finfish catch by coast, 1955, 1960, 1965, and 1970 31
U.S. marine recreational catch of finfish: Estimated weight by species and by region, 1970 32

WORLD FISHERIES

Commercial catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by leading countries, 1957-72 34
Commercial catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by countries, 1971 and 1972. 35
Commercial catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by continents, 1971 and 1972 36
Commercial catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by major fishing areas, 1971 and 1972 36
Commercial catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by species groups, 1971 and 1972 37
Estimated use of commercial world catch, 1970 and 1971. 37

PROCESSED FISHERY PRODUCTS

Fish fillets and steaks
Production of fish fillets and steaks, 1973. 38
Fish sticks, portions, and breaded shrimp
Production of fish sticks and portions, 1961-73. 38
Production of breaded shrimp, 1961-73 38
Frozen fishery products
Freezings of fishery products, 1972 and 1973. 39
Holdings of frozen fishery products, December 31, 1972 and 1973. 39
Canned pack
Pack of certain canned products, 1972 and 1973 40
Production of canned fishery products, 1961-73. 40
Fish meal, oil, and solubles
Production of fish meal, oil, and solubles, 1972 and 1973 41
Industrial products
Production of industrial products, 1961-73. 41

CONTENTS

Page

FOREIGN TRADE

U.S. Imports

Imports of fishery products, 1960-73 42
Imports: Value, duties collected, and ad valorem equivalent, 1960-73 42
Imports of fishery products, 1972 and 1973. 43
Imports of edible fishery products, by continent and country of origin, 1972 and 1973 . . 44
Imports of fish blocks and slabs, by species, 1972 and 1973. 45
Imports of fish blocks and slabs, by country of origin, 1972 and 1973 45
Imports of groundfish fillets and steaks, by species, 1972 and 1973 45
Quota and imports of groundfish fillets and steaks, 1961-73 46
Quota and imports of canned tuna not in oil, 1961-73 46
Imports of shrimp, by country of origin, 1972 and 1973 47
Imports of shrimp, by product types, 1972 and 1973. 48
Imports of fish meal and scrap, by country of origin, 1972 and 1973. 48
Imports of fish solubles, by country of origin, 1972 and 1973 48

U.S. Exports

Exports of domestic fishery products, 1961-73 49
Exports of selected domestic fishery products, 1972 and 1973 49
Exports of domestic fishery products, by country of destination, 1973 50
Exports of domestic and foreign shrimp products, 1972 and 1973 52
Exports of domestic fresh and frozen shrimp, by country of destination, 1972 and 1973 . 52
Exports of domestic canned shrimp, by country of destination, 1972 and 1973 52
Exports of domestic fresh and frozen salmon, by country of destination, 1972 and 1973. 53
Exports of domestic canned sardines, by country of destination, 1972 and 1973. . . . 53
Exports of domestic canned mackerel, by country of destination, 1972 and 1973. . . . 53
Exports of domestic canned squid, by country of destination, 1972 and 1973 54
Exports of domestic fish and fish liver oils, by country of destination, 1972 and 1973 . 54

SUPPLY OF FISHERY PRODUCTS (Domestic Production Plus Imports)

Supply of edible and industrial commercial fishery products, 1961-73 55
Supply of edible commercial fishery products, 1961-73 55
Supply of industrial commercial fishery products, 1961-73 55
Supply of commercial fishery products, 1972 and 1973 56
Supply of groundfish fillets and steaks, 1961-73 57
Supply of fillets and steaks, other than groundfish, 1961-73 57
Commercial landings and imports of tuna, 1963-73 58
Supply of canned tuna, 1963-73 58
Supply of canned bonito and yellowtail, 1963-73 58
Supply of canned sardines, 1961-73 59
Supply of canned salmon, 1961-73 59
Supply of shrimp, 1961-73. 61
Supply of canned shrimp, 1961-73 61
Supply of scallop meats, 1961-73 62
Supply of fresh and frozen spiny lobsters, 1961-73. 63
Supply of fresh and frozen American (northern) lobster, 1961-73 63
Supply of canned crab meat, 1961-73. 63
Supply of fish meal, 1961-73 64
Supply of fish solubles, 1961-73. 64
Supply of fish oils, 1961-73. 64
Supply of fish meal and solubles, 1961-73. 65

CONTENTS

Page

MILITARY PURCHASES

Purchases of fresh, frozen, and canned fishery products, by defense subsistence supply centers, 1961-73 66
Purchases of principal fresh and frozen fishery products, by defense subsistence supply centers, 1972 and 1973 66

PRICES

Prices received by fishermen
Indexes of exvessel prices for fish and shellfish, by months, 1973 67
Indexes of exvessel prices for fish and shellfish, by years, 1968-73 69
Wholesale price indexes
Wholesale price indexes for edible fish and shellfish, by months, 1973 70
Average wholesale prices for edible fish and shellfish, by months, 1973. 71
Retail prices
Retail prices of fishery products, by months, 1972 and 1973 73

VALUE

Value of processed fishery products at processor's level, 1972 and 1973 74
Estimated value of fishery products at various levels, 1972 and 1973 74

PER CAPITA UTILIZATION

Per capita utilization of commercial fish and shellfish, 1950-73 75

PER CAPITA CONSUMPTION

Per capita consumption of commercial fish and shellfish, 1950-73. 76
Per capita consumption of canned fishery products, 1950-73 77
Per capita consumption of certain fishery items, 1950-73. 77
Annual per capita consumption of fish and shellfish, by region and country, latest available data 79

EMPLOYMENT, CRAFT, AND PLANTS

Number of full-time and part-time commercial fishermen, by State, 1973 82
Additions to the U.S. commercial fishing fleet, 1972 83
Processing and wholesale establishments and employment, 1971 and 1972 86
Plants producing canned and industrial fishery products, and fish fillets and steaks, 1973 89
Employment, fishing craft, and establishments, various years, 1930-70 90

FISHERY PRODUCTS INSPECTION

Products inspected in calender year 1973. 90

FISHERY COOPERATIVES

Fishery cooperatives in the United States, Virgin Islands, and Puerto Rico, 1973 . . . 91

GENERAL ADMINISTRATIVE INFORMATION 92

PUBLICATIONS

Publications available from Superintendent of Documents. 96
Subscriptions available from National Marine Fisheries Service 97
Current Market Information. 98

GLOSSARY 99

STATISTICAL SUBJECT INDEX 102

REVIEW

In 1973, the U.S. commercial harvest of fish, shellfish, and other aquatic life was 4.7 billion pounds worth a record $907.4 million to the fishermen. The landings improved slightly compared with 1972, and the value increased 29 percent--principally because of higher exvessel prices. The average value in 1973 was a record 19.2 cents per pound. The slight gain in landings was caused principally by record harvests of anchovies, Pacific shrimp, surf clam meats, and snow crabs. Increased landings of bonito, Atlantic cod, croaker, Pacific sea herring, striped bass, pollock, rockfishes, scup, and whiting also contributed to the greater volume. Sharp declines occurred, however, in landings of flounders (principally yellowtail and Pacific); Atlantic sea herring; jack mackerel; albacore, bluefin, and skipjack tuna; pink salmon; hard blue crabs; dungeness crabs; Gulf shrimp; and squid. Slighter decreases occurred in landings of haddock, Pacific halibut, menhaden, red salmon, and oysters.

The domestic shrimp industry was the most valuable fishery in the country. Landings of 372.2 million pounds worth $219.4 million declined 3 percent in volume but increased 14 percent in value compared with 1972. Shrimp accounted for 24 percent of the total exvessel value of U.S. landings.

Tuna landings of 342.1 million pounds at U.S. ports were 35.5 million (9 percent) less than in 1972. An additional 173.5 million pounds of tuna were landed by U.S. fishing craft at ports outside the United States, principally in Puerto Rico. (See table on page 58.)

In 1973, as in the two previous years, landings for human food (2.3 billion pounds) were smaller than the quantity taken for industrial products (2.4 billion pounds).

The value of fishery products processed in the United States from both domestic and imported raw materials was a record $2.8 billion--25 percent more than in 1972, the former record year. Packaged fresh and frozen products were 48 percent of the total value; canned, 42 percent; industrial, 7 percent; and cured, 3 percent.

Processors of fishery products had a generally successful year. Compared with 1972, production of fresh and frozen packaged fish fillets and steaks (129.9 million pounds) increased 3 percent; fish sticks and portions (423.0 million pounds), 10 percent; and breaded shrimp (109.4 million pounds), 2 percent. The pack of canned fishery products was a record 1.6 billion pounds worth a record $1.2 billion--a gain of 2 percent in volume and 18 percent in value compared with 1972. Record packs of tuna, shrimp, clam products, and animal (pet) food contributed substantially to the increases. Industrial fishery products were valued at $201.1 million--29 percent more than in 1972. Sharp increases in the prices of fish meal and oil accounted largely for the gain. Cold storage holdings of frozen fishery products reached an alltime high of 459.4 million pounds on December 31, 1973.

Imports of fishery products were worth a record $1,579 million--an increase of 6 percent compared with 1972, the former record year. Imports of edible fishery products were 2.4 billion pounds worth $1.4 billion--2 percent more in quantity and 13 percent more in value than in 1972. The value of imports of nonedible fishery products ($184.6 million) declined 29 percent compared with 1972. Principal reason for the decline was a sharp drop in imports of fish meal and oil. Exports of domestic fishery products were valued at $299.2 million, a gain of 89 percent.

Civilian per capita consumption of fishery products increased from 12.3 pounds (edible weight) in 1972 to 12.6 pounds in 1973, a new record.

REVIEW

HIGHLIGHTS

RECORDS ESTABLISHED

U.S. COMMERCIAL LANDINGS

Total value -- $907.4 million . . . .(previous high, 1972 -- $703.6 million).

Anchovies -- 229.3 million pounds . . . .(previous high, 1970 -- 192.9 million pounds).

Bonito -- 28.4 million pounds . . . . (previous high, 1972 -- 22.9 million pounds).

Striped bass -- 13.5 million pounds . . . . (previous high, 1969 -- 12.4 million pounds).

Total clams (meats) -- 106.3 million pounds . . . .(previous high, 1970 -- 99.2 million pounds).

Clams, surf (meats) -- 82.3 million pounds . . . .(previous high, 1970 -- 67.3 million pounds).

Crabs, snow -- 61.2 million pounds . . . .(previous high, 1972 -- 29.0 million pounds).

Lobsters, spiny -- 11.4 million pounds . . .(previous high, 1972 -- 11.2 million pounds).

Shrimp, Pacific (heads-on) -- 144.3 million pounds . . . .(previous high, 1970 -- 92.9 million pounds).

PROCESSED FISHERY PRODUCTS

Canned fishery products -- 1,638 million pounds and $1,183 million . . . .(previous high, 1972 -- 1,601 million pounds and $998.7 million).

Canned fishery products for human consumption -- 938.3 million pounds and $1.0 billion . . . .(previous high, 1972 -- 933.9 million pounds and $857.3 million).

Tuna, canned -- 31.7 million standard cases . . . .(previous high, 1972 -- 31.2 million cases).

Shrimp, canned -- 3.8 million standard cases . . . .(previous high, 1970 -- 3.7 million cases).

Animal (pet) food, canned -- 14.6 million standard cases . . . .(previous high, 1972 -- 13.9 million cases).

Clams, whole and minced canned -- 946,100 standard cases . . . .(previous high, 1972 -- 703,800 cases).

Clam, chowder and juice, canned -- 2.5 million standard cases . . . .(previous high, 1972 -- 2.2 million cases).

Fish sticks -- 127.4 million pounds and $79.7 million . . . .(previous high, 1970 -- 115.9 million pounds and 1972, $61.5 million).

Fish portions -- 295.6 million pounds and $197.0 million . . . .(previous high, 1972 -- 269.2 million pounds and $149.1 million).

PROCESSED FISHERY PRODUCTS - Continued

Breaded shrimp -- 109.4 million pounds and $174.0 million . . . .(previous high, 1972 -- 107.4 million pounds and $140.9 million).

Industrial products -- $201.1 million . . . .(previous high, 1972 -- $156.0 million).

Tuna and mackerel meal -- 43,961 tons and $13.4 million . . . .(previous high, 1972 -- 43,226 tons and $5.5 million).

Menhaden meal -- $86.4 million . . . .(previous high, 1972 -- $35.3 million).

Menhaden oil -- $22.2 million . . . .(previous high, 1971 -- $19.2 million).

Fish solubles -- $13.1 million . . . .(previous high, 1958 -- $11.5 million).

IMPORTS

Total value --- $1,578.7 million. . . .(previous high, 1972--$1,494.4 million).

Edible fishery products --- 2,397.0 million pounds valued at $1,394.0 million. . . . (previous high, 1972--2,341.1 million pounds valued at $1,233.3 million).

Fish blocks and slabs --- 358.7 million pounds. . . .(previous high, 1972--355.5 million pounds).

Fillets and steaks, other than groundfish --- 199.6 million pounds. . . .(previous high, 1972--171.9 million pounds).

Groundfish, fresh or frozen, unfilleted cod, cusk, haddock, hake, and pollock -- 23.3 million pounds. . . .(previous high, 1972--13.0 million pounds).

Tuna, albacore, frozen --- 278.4 million pounds. . . .(previous high, 1972--263.1 million pounds).

Tuna, other than albacore, frozen --- 469.6 million pounds. . . .(previous high, 1972--446.2 million pounds).

Frog legs --- 5.6 million pounds. . . .(previous high, 1971--5.4 million pounds).

Herring, canned --- 15.6 million pounds. . . .(previous high, 1970--12.7 million pounds).

Marine shells, unmanufactured --- 5.7 million pounds. . . .(previous high, 1972--4.6 million pounds).

EXPORTS

Total value --- $299.2 million. . . .(previous high, 1972--$157.9 million).

Shrimp, domestic, canned -- 9.9 million pounds. . . .(previous high, 1972--8.4 million pounds).

SUPPLY (Domestic production plus imports)

Groundfish fillets or steaks, and fish blocks -- 625.5 million pounds . . . .(previous high, 1972 – 608.0 million pounds).

Fillets or steaks, other than groundfish -- 282.7 million pounds . . . .(previous high, 1972 – 259.2 million pounds).

OTHER IMPORTANT FACTS

- Menhaden landings of 1.9 billion pounds accounted for 40 percent of total landings of all species in the United States.
- Shrimp was the leading species in terms of value of total landings in the United States and was second in quantity.
- Salmon was the second most important species landed in the United States in terms of value of landings.
- Tuna was the third most important species landed in the United States in both quantity and value.
- Louisiana led all States in volume of landings with 1,036 million pounds--followed by California with 669 million; Virginia, 631 million; and Alaska, 456 million pounds.
- Alaska led all States in value of landings with $162 million--followed by California with $103 million; Louisiana, $98 million; and Texas, $91 million.
- San Pedro, Calif., with landings of 474 million pounds worth $66 million, was the leading commercial fishing port in 1973 in terms of value.
- Tuna landings of 173.5 million pounds, principally in Puerto Rico, accounted for 89 percent of the landings by U.S. craft at ports outside the United States. Landings of shrimp by U.S. fishing vessels at Central and South American ports accounted for the rest.
- The United States early in 1973 declared a moratorium on seal harvests on St. George Island in the Pribilofs. Scientists will now be able to compare the protected seal population with the harvested one on nearby St. Paul Island.

OTHER IMPORTANT FACTS

- The International Commission for the Northwest Atlantic Fisheries (ICNAF), in several special meetings, placed proposed quotas for U.S. fishermen in 1974 on a number of species not mentioned in the following "Review." These include the following: A quota on Atlantic mackerel of 11.0 million pounds in Subareas 5-6 (Georges Bank), and 2.2 million pounds in Division 4VWX (Nova Scotia area); squid, 12.3 million pounds for Subareas 5-6 (Georges Bank-Middle Atlantic area); argentines, 1.1 million pounds in Subarea 5; other finfish, except menhaden, 138.9 million pounds in Subareas 5-6.

  In addition, at a special meeting in October 1973, member nations agreed to implement a new overall catch quota for the next 3 years superimposed over the existing individual species quotas limiting what participating countries can harvest from the entire system and designed to substantially reduce foreign fish harvests off the U.S. North Atlantic coast. Each member nation's share of this overall quota is less than the sum of all its assigned species quotas, and is thereby intended to encourage nations to fish as selectively as possible and reduce incidental catches that have thus far aggravated management problems. For 1974, this quota is 2.0 billion pounds and the U.S. share is 430 million pounds. For 1975, ICNAF members are committed to reducing this "second tier" quota to 1.9 billion pounds and to a level in 1976 consistent with rebuilding resources to produce the maximum sustainable yield.

REVIEW

IMPORTANT SPECIES

Shrimp. . . .Landings of 372.2 million pounds (heads-on) worth a record $219.4 million declined 12.8 million pounds but increased $26.2 million compared with 1972, the former record year. The Gulf States accounted for 49 percent of the total U.S. shrimp landings and 79 percent of the total value. For the second time, Alaska led all States in shrimp production with 114.2 million pounds--an alltime national record. Texas was the leading State in value with $86.0 million, and the second State in production with 81.5 million pounds. Louisiana was second in value with $46.3 million, and third in production with 58.6 million pounds.

Landings along the Gulf Coast of 182.1 million pounds worth $173.0 million were 20 percent less in quantity and 6 percent less in value than in 1972. Fishermen received record exvessel prices during most of the year. The high prices continued through December for large shrimp, but declined generally for medium and small shrimp. By comparison with December 1972, however, prices were higher for all sizes.

Pacific Coast State landings were a record 144.3 million pounds worth $14.2 million--39 percent of the volume and 6 percent of the value of the total U.S. shrimp harvest. Alaska shrimp fishermen were assisted in taking their phenomenal landings by the addition of at least 10 large Gulf-of-Mexico type double-rigged shrimp draggers that fished in distant offshore waters without quota limitations. Oregon shrimpers also caught a record 24.3 million pounds, followed by Washington with a near-record 4.0 million pounds.

In the South Atlantic States, landings of 25.1 million pounds were slightly less than in 1972, but the value ($26.6 million) increased 44 percent.

New England landings of 20.8 million pounds worth $5.7 million declined 15 percent in volume but increased 23 percent in value compared with 1972. The Maine shrimp harvest of 12.1 million pounds was 4.5 million less than in 1972, and the principal cause of the decline.

U.S. imports of shrimp (including fresh or frozen, canned, and cured) were 202.6 million pounds (import weight)--a decline of 20.6 million pounds (10 percent) compared with the record imports of 1972. Mexico continued as the leading country exporting shrimp to the United States.

Salmon. . . .Pacific salmon landings were 213.0 million pounds worth $125.1 million--a decrease of 3.7 million pounds but a gain of $62.4 million compared with 1972. Landings of pink salmon (47.0 million pounds) declined 15 percent and red salmon (45.9 million pounds) declined 5 percent compared with 1972. Small increases in landings of chinook, chum, and silver salmon partially offset these declines. The marked increase in value resulted from the record prices that fishermen received at dockside.

Landings in Alaska declined sharply, but in Washington, Oregon, and California moderate increases occurred. Compared with 1972, landings of silver salmon in Washington (15.0 million pounds) nearly doubled, and red salmon (15.4 million pounds) more than doubled.

The Alaska harvest of 138.0 million pounds was 16 percent less than in 1972 and one of the smallest on record. Alaska accounted for 65 percent of the total Pacific salmon harvest. The value of Alaska landings ($72.8 million) increased 123 percent compared with 1972. The greater value reflected the swift increase in exvessel prices--some nearly double the prices paid in 1972. Alaska landings of pink, red, and silver salmon declined substantially. Fewer pink salmon were expected because of fluctuations in the 2-year life cycle in an odd year, but the runs of pinks were unexpectedly low in the major producing areas. The red salmon harvest, also, was much smaller than biologists had expected. The Bristol Bay red salmon runs were the smallest on record. Landings of 750,000 fish and escapement of 1.7 million were far short of the 4.8 million fish that had been predicted.

The 1973 canned pack of Pacific salmon was 1.4 million cases--29 percent less than in 1972 and one of the smallest packs on record.

Tuna. . . .Landings of tuna in the continental United States and Hawaii were 342.1 million pounds--a decrease of 9 percent compared to 1972. Landings of tuna by U.S. vessels at ports in Puerto Rico, however, increased by 17 percent and reached 172.5 million pounds. The increase in landings in Puerto Rico was not enough to affect the decline in mainland landings, principally California, and landings by U.S. vessels in the United States and Puerto Rico slipped to 515.6 million pounds in 1973–down 2 percent from 1972. The value of 1973 landings of tuna in the United States and Puerto Rico reached a record $131.6 million--up 9 percent because of rising exvessel prices.

Total landings of albacore by U.S. vessels were 34.6 million pounds--down 41 percent from 1972 and well below the average for the preceding 5 years. Landings of yellowfin tuna in the United States and Puerto Rico were 353.0 million pounds--up 1 percent; skipjack landings were 104.0 million pounds--up 18 percent; and bluefin landings were 24.0 million pounds--down 19 percent from 1972.

The Inter-American Tropical Tuna Commission (IATTC) set an international quota for 1973 of 320 million pounds (40 million higher than in 1972) for the yellowfin tuna fishery in the regulatory area of the eastern tropical Pacific (CYRA). The season opened January 1 and closed March 8, 1973. It was the eighth consecutive year that this fishery operated under a quota system designed to maintain the yellowfin population at the maximum sustainable harvest. As in previous years, fishermen of member nations easily reached the assigned yellowfin quota. United States landings of tuna from the CYRA were 317.2 million pounds of which 242.3 million pounds were yellowfin. United States tuna landings in the newly developed fishery west of the CYRA totalled 111.4 million pounds. Landings of tuna by U.S. vessels fishing in the Atlantic yellowfin fishery totalled 46.1 million pounds. In 1973, U.S. vessels obtained about 62 percent of their total tuna catch from the CYRA area, 22 percent in the waters of the Pacific immediately west of the CYRA, and 10 percent from the tropical Atlantic Ocean. Almost all the remainder consisted of albacore taken in the Pacific off the west coast of the United States.

Crabs. . . .Landings of crabs, all species, were 291.9 million pounds worth $88.1 million--an increase of 4 percent in volume and 50 percent in value compared with 1972. Snow crab landings were a record 61.2 million pounds--more than double the 1972 harvest of 29.0 million. This relatively new fishery in Alaska has developed rapidly from the 7 million pounds taken in 1961. Improved processing techniques have created a good market (principally the Japanese export market) as a substitute for the currently scarce dungeness and king crab meat and sections. King crab landings of 76.0 million pounds worth $49.4 million increased 2.0 million pounds and $23.5 million compared with 1972. King crab fishermen received an average price of 65 cents per pound in 1973--30 cents more than in 1972. As a result of higher prices, fishing effort intensified and king crab landings increased in all principal fishing areas that were not closed early by State officials. Early closures prevented greater landings of king crabs in western Alaska. Total landings of dungeness crabs (12.1 million pounds) declined for the third successive year since the record 1970 harvest of 58.5 million pounds. Alaska, with landings of 6.3 million pounds worth $3.8 million, was the only State with landings greater than in 1972. Compared with 1972, landings in Washington (2.5 million pounds) declined 80 percent; in Oregon (2.3 million pounds), 65 percent; and in California (974,000 pounds), 61 percent. The average price received by fishermen for dungeness crabs increased from 44 cents in 1972 to 58 cents in 1973.

Hard blue crab landings of 134.9 million pounds declined 10.5 million compared with 1972. Marked production increases in the Gulf States and smaller increases in the Middle Atlantic States moderated the sharp declines in landings of the Chesapeake and South Atlantic areas. Chesapeake States landings of 55.7 million pounds were 22 percent less than in 1972. Fishery officials blamed a poor year class in both 1971 and 1972, as well as the aftereffects of Hurricane Agnes in 1972,for the production declines.

Menhaden. . . .Landings of 1,890.3 million pounds were slightly smaller than in 1972, but the value was a record $73.3 million--an increase of 135 percent. The exvessel price averaged a record 3.9 cents per pound in 1973--compared with 1.6 cents in 1972. Greater demand and shortages of fish meal on the world market contributed to the sharply increased prices.

The harvest was smaller in both the Atlantic coast and Gulf areas. For the first time in many years, menhaden were plentiful in waters off the New England coast. Landings at Maine ports of nearly 7 million pounds were the first sizable production since 1956, although small amounts were taken in 1957 and 1960. Massachusetts landings of 43.2 million pounds were greater than in 1972 and the best since the record 66.4 million pounds taken in 1956. More fish could have been taken had the industry been prepared. The reasons for menhaden returning to cold northern waters, after a virtual absence of so many years, have not yet been determined. Landings increased moderately in New Jersey, but declined slightly in Virginia and North Carolina. Ports along the Gulf of Mexico accounted for 1.1 billion pounds (57 percent) of the total menhaden landings.

Domestic production of menhaden meal was 188,786 tons--66 percent of the total U.S. production of fish meal. The total U.S. supply of fish meal (domestic production plus imports) was 356,267 tons--a decline of 47 percent compared with 1972. Domestic production of fish meal (287,771 tons) increased slightly, but imports (68,496 tons) declined markedly. Principal cause of the decline was a sharp decrease in imports from Peru--a result of the virtual failure of the Peruvian anchoveta fishery. Imports from Canada also declined moderately because the Canadian Government imposed export restrictions on fish meal in June 1973, in order to ensure an adequate national supply. No fish meal was imported from Norway in 1973. Imports were 19 percent of the U.S. supply of fish meal in 1973--compared with 58 percent in 1972.

Domestic production of menhaden oil was 200.5 million pounds--a gain of 20 percent compared with 1972.

Lobsters. . . .Landings of American lobsters were 29.0 million pounds worth $41.9 million--a slight decline in volume but a 16-percent gain in value compared with 1972. Landings increased moderately in the New England States, principally Maine, but declined in the Middle Atlantic and Chesapeake States. The spiny lobster harvest was a record 11.4 million pounds--a slight gain compared with 1972, the former record year. The value of landings ($12.0 million) increased 4 percent. About 98 percent was landed at Florida ports, the rest was largely in California. In 1973, the California Department of Fish and Game began a study of the spiny lobster in an effort to determine the reason for steadily declining landings. In 1927, California landings reached a record 1.5 million pounds, and since that time have gradually trended downward. Landings were 226,000 pounds in 1973--compared with 300,000 pounds in 1972.

Oysters. . . .Landings yielded 48.6 million pounds of meats worth $35.2 million--a decline of 8 percent in quantity but an increase of 4 percent in value compared with 1972. Landings increased slightly in the Middle Atlantic and Chesapeake areas, but declined moderately in the New England, South Atlantic, and Pacific Coast States. The major decline, however, was in the Gulf States where landings of 14.7 million pounds were 18 percent less than in 1972. Spring floods that severely damaged the oyster resources of Alabama, Mississippi, and Louisiana were largely responsible for the small harvest. These resources represented a $5 million contribution to the economy of the three States and were an important part of the national supply of marine food. NOAA made funds totaling $213,620 available to the three States for restoration of their oyster resources. The funds were awarded under provisions of the Commercial Fisheries Research and Development Act (PL 88-309) as amended, and were administered by NMFS under grant-in-aid awards from NMFS Southeast Regional Office, St. Petersburg, Fla.

Flounders. . . .Landings of Atlantic, Gulf, and Pacific flounders totaled 162.6 million pounds valued at $31.3 million–down 4 percent in quantity but up 9 percent in value. The decline in the total quantity landed was mainly due to a decline in landings of yellowtail flounder and Pacific flounder which offset an increase in landings of blackback flounder and fluke.

The Northwest Atlantic fisheries for yellowtail flounder, gray sole (witch), and dab (American plaice) are subject to catch quotas by the International Commission for the Northwest Atlantic Fisheries (ICNAF). In 1973, the Commission assigned the United States a quota for yellowtail flounder of 52.9 million pounds out of a total of 57.3 million pounds assigned all nations in Subarea 5 (New England area). In addition, the United States was given a 47.8-million-pound quota for flounders, other than yellowtail, in Subareas 5-6 (New England and Middle Atlantic areas) and a 220,000-pound quota for yellowtail flounder and dab in Subarea 3 (Newfoundland area). In 1974, these quotas will continue, and in addition, the United States will receive a 1.1-million-pound quota for yellowtail flounder, gray sole, and dab in Subarea 4.

Clams. . . .Landings of hard, soft, surf, and other clams yielded a record 106.3 million pounds of meats worth a record $34.7 million--an increase of 19 percent in quantity and 9 percent in value compared with 1972. Principal reason for the greater production was a record harvest of 82.3 million pounds of surf clam meats--14.9 million more than in 1970, the former record year. For the second consecutive year, Virginia led in surf clam landings with 43.2 million pounds--85 percent more than in 1972. About 35 vessels working out of Virginia ports were from other States. Among them were vessels from the New Jersey surf clam fleet--formerly the leading State in surf clam production. Together, Virginia and New Jersey accounted for 79 percent of the total U.S. surf clam landings. Soft clam landings yielded 9.0 million pounds of meats--an increase of 3 percent compared with 1972, but one of the smallest harvests in the last decade. Maryland, longtime leader in soft clam production, had landings of only 700,000 pounds--a decline of 64 percent compared with 1972. Fishery experts attributed the decline to the continuing aftereffects of 1972 Hurricane Agnes. State officials closed the fishery during the last 6 months of 1972 and for much of 1973. The fishery was opened for 3 weeks in June and from September to December 1973. Clams were scarce, however, and officials limited daily catch quotas accordingly. Hard clam landings yielded 14.6 million pounds of meats worth $17.5 million–a decline of 11 percent in volume and 5 percent in value compared with 1972. New York was, as usual, the leading State in hard clam production with landings of 7.2 million pounds.

In 1973, the canned pack of clams and clam products reached a record 3.5 million cases worth $38.1 million. Of this production, 2.5 million cases were chowder and juice--a gain of 16 percent compared with 1972. The pack of whole or minced clams increased from 703,800 cases in 1972 to a record 946,100 cases in 1973.

Groundfish. . . .The Atlantic and Pacific fishery for groundfish and similar species (cod, cusk, haddock, hake, ocean perches, pollock, rockfishes, and whiting) yielded 234.3 million pounds valued at $27.0 million–an increase of 5 percent in quantity and 17 percent in value compared to the previous year.

Landings of Atlantic groundfish and similar species were 181.7 million pounds valued at $22.4 million, an increase of 8 percent in quantity and 12 percent in value compared to 1972. Most of this increase was attributable to increased landings of whiting, which rose from 26.7 million pounds valued at $2.4 million in 1972 to 42.7 million pounds valued at $3.4 million. Despite this increase, landings of whiting in 1973 were below the annual average for the previous 5 years. Landings of other Atlantic groundfish species showed mixed trends. Landings were up slightly for cod, cusk, red hake, and pollock, but landings of haddock and ocean perch declined.

Landings of Pacific groundfish and similar species increased from 45.1 million pounds valued at $2.7 million in 1972 to 52.6 million pounds valued at $4.7 in 1973. All of the increase was attributable to larger landings of rockfish, which increased to 35.4 million pounds valued at $3.5 million, up 17 percent in quantity and 80 percent in value compared to 1972. Landings of Pacific cod and hake declined.

Much of the Atlantic groundfish fishery is regulated by the International Commission for the Northwest Atlantic Fisheries (ICNAF). The Commission set the following quotas for the United States in 1973: cod, a total of 66.2 million pounds for Subareas 4 (off Nova Scotia) and 5 (off New England); whiting (silver hake), 113.5 million pounds (Subarea 5); red hake, 33.1 million pounds (Subarea 5); Atlantic Ocean perch (redfish), 54.1 million pounds (Subarea 5); and pollock, 24.9 million pounds (Subareas 4-5). An informal agreement was in effect in 1973, allowing only the United States and Canada to fish specifically for haddock. The quota on haddock for all countries totaled only 41.9 million pounds and was regarded by the Commission as being too small to allocate nationally.

For 1974 modifications in the foregoing quotas for pollock, whiting, red hake, cod, and Atlantic ocean perch have been proposed or are in effect, in addition to a complete ban on fishing for haddock in Subareas 4 and 5, an additional new U.S. quota of 22.0 million pounds for Atlantic ocean perch in Subarea 4, and a proposed 1.7 million-pound quota for Atlantic ocean perch in Subareas 2-3 (Labrador-Newfoundland area).

Halibut. . . .Landings of Pacific halibut continued their downward trend and reached 24.2 million pounds (live weight) valued at $12.6 million–down 10 percent in volume and 4 percent in value. The quota set by the International Pacific Halibut Commission for Area 3 (Gulf of Alaska) was not reached. Kodiak, Alaska continued to be the leading port.

Herring, sea. . . .Total landings of Atlantic and Pacific sea herring were 100.5 million pounds valued at $5.0 million in 1973--down 1 percent in quantity but up 46 percent in value compared to 1972. Landings of Pacific sea herring increased from 13.4 million pounds in 1972 to 41.4 million pounds in 1973 and were far above the annual average for the previous 5 years. Landings of Atlantic sea herring, however, were down sharply because of a decline in availability. Landings of Atlantic sea herring were 59.1 million pounds in 1973--a decline of 33 percent in quantity and well below the annual average for the previous 5 years of 78.5 million pounds. Landings of sea herring caught within 3 miles were down sharply as were landings of herring caught at a greater distance from shore.

The U.S. fishery for Atlantic sea herring beyond the 3-mile limit was subject to a quota under regulations of the International Commission for the Northwest Atlantic Fisheries (ICNAF) of 55.1 million pounds in 1973 for Division 5Y (Gulf of Maine) and Divison 5Z-6 (Georges Bank). The United States caught approximately 40 percent of this quota. The 1974 ICNAF herring quotas for the United States will be 36.9 million pounds for Division 5Y, and 15.3 million pounds for Division 5Z-6. A new U.S. quota for 1974 of 2.2 million pounds has been proposed for Division 4XW (Nova Scotia).

Scallops. . . .Landings yielded a total of 8.7 million pounds of meats worth $14.5 million--a decline of 2 percent in volume but a gain of 2 percent in value compared with 1972. Sea scallop landings of 6.3 million pounds worth $10.7 million were 10 percent less in quantity and 15 percent less in value than in 1972. The harvest was the second smallest in nearly three decades. Landings declined in all major producing States. Slight increases occurred in New Jersey and Rhode Island landings. Bay scallop landings increased sharply from 479,000 pounds in 1972 to 1.8 million pounds in 1973--principally because of a greater harvest in Massachusetts. Landings of calico scallops were 558,000 pounds worth $356,000--down markedly from the 1972 landings of 1.3 million pounds worth $843,000. Landings were made in North Carolina and Florida, East Coast. North Carolina, however, accounted for more than 99 percent of the total production. Most of the calico scallops were taken by trawl and landed in the shell for mechanical shucking in North Carolina.-

PROCESSED FISHERY PRODUCTS

Canned fishery products. . . .The 1973 pack of canned fishery products in the United States, American Samoa, and Puerto Rico was a record both in quantity and value at 58.8 million standard cases (1.6 billion pounds) with a value of $1,182.9 million reported by the canning companies. Compared with the 1972 pack of 57.4 million standard cases valued at $998.7 million, this represented increases of 1.4 million cases (37.4 million pounds) and $184.2 million. There were record packs of tuna, animal (pet) food, whole and minced clams, clam chowder and juice, shrimp, tunalike fishes, and fish roe and caviar. The packs of salmon, mackerel, Maine sardines, alewives, crab meat, and oysters were less than in 1972.

The pack for human consumption (938.3 million pounds) was 4.4 million pounds more than in 1972. The amount packed for bait and animal (pet) food increased 33.0 million pounds. Five items--salmon, tuna, shrimp, clams and clam products, and animal (pet) food accounted for 92.9 percent of the total value of canned fishery products. The pack of animal (pet) food containing less than 10 pounds of fish per standard case was 3.9 million standard cases valued at $25.2 million; these data are not included in statistics on the total U.S. production of canned fishery products.

Salmon. The 1973 Pacific salmon pack of 1.4 million cases valued at $117.2 million was down nearly 583,000 cases or 29.1 percent from 1972 and was the smallest pack since 1906. Sharply rising wholesale prices for canned salmon, however, caused the value of the pack to increase from $90.4 million in 1972 to $117.2 million in 1973. The smaller output and higher prices were attributed in part to a decline in Alaska salmon runs, but mainly to the diversion of landings of salmon from canned production, because of higher prices for salmon on the fresh and frozen market. Total U.S. landings of salmon were down 2 percent compared with 1972, and U.S. freezings of salmon were up 53 percent compared with 1972.

The pack of canned salmon declined in all producing States, but most of the decline was in Alaska where production was 1.1 million standard cases in 1973, down 571,000 cases or 33 percent. The Washington pack of 245,600 cases was down 4 percent. The Oregon pack of 41,000 cases was also 4 percent less than 1972.

The pack of all species was down except silver (coho) salmon, which increased 16 percent compared with 1972. The red (sockeye) pack was down slightly over a third, mainly because of the near failure of the Bristol Bay runs in Alaska. The 1973 pack of pink salmon declined 19 percent compared with 1972. The pack of chum salmon was down 38 percent, and the pack of chinook (king) salmon declined 27 percent.

Tuna. The 1973 pack of tuna, 31.7 million standard cases (628.9 million pounds) valued at $714.5 million, set records both in quantity and value. The pack exceeded the previous record set in 1972 by 534,699 standard cases and $81.2 million. The Pacific Coast led in production with 49.2 percent of the total pack, followed by Puerto Rico with 36.2 percent. American Samoa, Hawaii, and Maryland packed the remainder.

Landings of tuna by U.S. vessels at U.S. ports and at Puerto Rican ports totaled a near record 514.6 million pounds--down 2 percent compared to the record in 1972 of 525.2 million pounds. Imports of tuna in 1973 were a record 826.4 million pounds (round weight)--61.7 million more than in the previous year. Canned tuna available for consumption in 1973 (U.S. pack from domestic landings plus U.S. pack from imported fresh or frozen plus imported canned) was 667.5 million pounds. About 33.5 percent or 224.0 million pounds was packed from domestic landings compared with 231.8 million pounds in 1972.

Sardines. The 1973 pack of sardines (sea herring) totaled 995,100 standard cases (23.3 million pounds valued at $15.7 million). Compared with 1972, this was a decrease of 566,500 standard cases. Landings of Atlantic sea herring in 1973 were 59.1 million pounds, compared with 88.5 million pounds the previous year.

Shrimp. The 1973 pack of shrimp was a record 3.8 million standard cases valued at a record $56.1 million--64,502 standard cases more than in 1970, the previous record year. This record pack was due to a sharply increased production in Alaska. Canners in Alaska packed 1.6 million standard cases in 1973 compared with 1.1 million in the previous year.

Clams. The pack of clams and clam products set volume and value records in 1973. The pack of 946,142 standard cases of whole and minced clams valued at $14.8 million was up 34 percent in quantity and 59 percent in value. The 1973 pack of 2.5 million standard cases of chowder and juice valued at $23.4 million exceeded the 1972 pack by 16 percent in quantity and 30 percent in value. Landings of surf clams, the primary species used in canning, increased from 63.4 million pounds (meat weight) in 1972 to 82.3 million pounds in 1973.

Industrial fishery products. . . .The value of the 1973 production of industrial fishery products in the United States, American Samoa, and Puerto Rico was a record $201.1 million--an increase of $45.1 million over 1972. The increase in total value was due largely to the record high prices received for industrial fishery products in 1973.

Marine animal scrap and meal. The 1973 production of 287,771 tons was 2,265 tons more than in 1972, but still below the record 312,259 tons produced in 1962. Menhaden meal (188,786 tons) accounted for 65.6 percent of the total meal production. Landings of menhaden used for reduction (1.8 billion pounds) were slightly lower in both the Gulf and Atlantic coast areas. About 60 percent or 1,072.3 million pounds was landed at Gulf ports, and 750.0 million pounds were landed at Atlantic coast ports. Fewer vessels fished in the Gulf area in 1973 than the year before, and the season was shorter--beginning later and ending earlier.

The United States imported only 68,496 tons of fish meal compared with 391,955 tons in 1972. Imports from Peru were only 41,759 tons in 1973--compared with 352,253 tons in 1972, the principal reason for the decline.

Supplies of fish meal available in the United States during 1973 totaled 319,535 tons, less than one-half the 667,110 tons available in 1972. On July 5, 1973, the U.S. Secretary of Commerce announced that 41 categories of agricultural commodities, including fish meal, were subject to export controls. In previous years, exports of fish meal from the United States had been negligible, but in 1973 they reached 36,732 tons. In 1972, only 10,351 tons were exported from the United States.

Marine animal oil. The domestic industry produced 224.6 million pounds of fish oil during 1973--compared with 188.4 million in 1972. Most of this increase came from menhaden. Production of menhaden oil was 200.5 million pounds--compared with 167.0 million in 1972. U.S. exports of fish oil were the highest in 10 years, reaching 247.8 million pounds--compared with 193.2 million in 1972. Exports were only about 14 million pounds less than the record high in 1963. The shortage of Peruvian fish oil in the world market was the chief reason for the increased United States exports.

Fish solubles. Production of fish solubles has increased in the United States during recent years. The 137,435 tons produced in 1973 were the highest since 1959. Menhaden accounted for 76 percent of the total 1973 production.

Other industrial products. Oyster shell products were valued at $4.0 million in 1973--compared with $4.2 million in 1972. Other industrial items included agar-agar, animal feeds, crab and clam shells processed for serving food, fish feed pellets, Irish moss extracts, kelp products, leather products, liquid fertilizer, mussel shell novelties, and pearl essence. These items were valued at $37.7 million in 1973--compared with $84.6 million in 1972. This decrease can be attributed mainly to the smaller production of seaweed products.

Breaded shrimp. . . .The 1973 production of breaded shrimp was 109.4 million pounds valued at $174.0 million--both a volume and value record. The previous record was 107.4 million pounds valued at $140.9 million in 1972.

Fish sticks and portions. . . .The production was a record 423.0 million pounds in 1973--compared with the previous record of 383.7 million pounds in 1972. The value reached a record $276.6 million, surpassing the 1972 value of $210.6 million by $66.0 million. Both the production of fish sticks (127.4 million pounds) and fish portions (295.6 million pounds) set new records in 1973. The previous records were in 1970 when 115.9 million pounds of fish sticks were produced and in 1971 when 269.2 million pounds of fish portions were produced.

Fish fillets and steaks. . . .In 1973, the production of raw (uncooked) fish fillets and steaks, exclusive of Hawaii and Alaska, was 129.9 million pounds valued at $108.7 million to the processors. Compared with the 1972 production of 125.5 million pounds valued at $90.5 million, this was an increase of 4.4 million pounds and $18.2 million. Total production of groundfish fillets and steaks (cod, cusk, haddock, hake, pollock, and Atlantic ocean perch) was 46.7 million pounds in 1973--compared with 39.3 million pounds in 1972.

REVIEW

Frozen fishery trade. . . .Frozen fish and shellfish in U.S. cold storage warehouses reached a record high of 459 million pounds on December 31, 1973. Record holdings were registered during 1973 for ocean perch fillets (29 million pounds on November 30); fish sticks and portions (41 million pounds on December 31); round, dressed salmon (34 million pounds on September 30); crabs and crab meat (17 million pounds on December 31); and bait and animal food (27 million pounds on May 31).

Freezings of fish and shellfish were a record 410 million pounds in 1973. It is estimated that a catch of 606 million pounds (live weight) of fish and shellfish was required for the 1973 frozen production.

Due to the increased importance in the frozen fishery trade for several new species and market forms, freezings and holdings data were collected for the first time beginning in January 1973 for: Greenland turbot blocks, Alaska and other pollock blocks, whiting blocks, and minced blocks; Greenland turbot and catfish fillets; and round or dressed chum (fall) salmon.

FOREIGN TRADE IN FISHERY PRODUCTS

Foreign trade in fishery products. . . .Total U.S. imports of edible and nonedible fishery products were valued at a record $1,579 million in 1973, an increase of 6 percent over 1972. The value of edible imports increased to a record $1,394 million in 1973 as compared with the previous record of $1,233 million in 1972, a gain of 13 percent. The quantity of imported edible products increased to 2,397 million pounds--up 2 percent over the previous year. New records were established in 1973 for imports of fish blocks and slabs, fillets and steaks (other than groundfish), fresh and frozen tuna, frog legs, canned herring, and unmanufactured marine shells. Imports declined, however, for shrimp, scallops, canned sardines (in oil), and canned oysters. Imports of fish meal and fish solubles were down in 1973 as compared with 1972. Imports of fish meal dropped from 783.9 million pounds valued at $51.6 million in 1972 to 137.0 million pounds valued at $14.3 million in 1973.

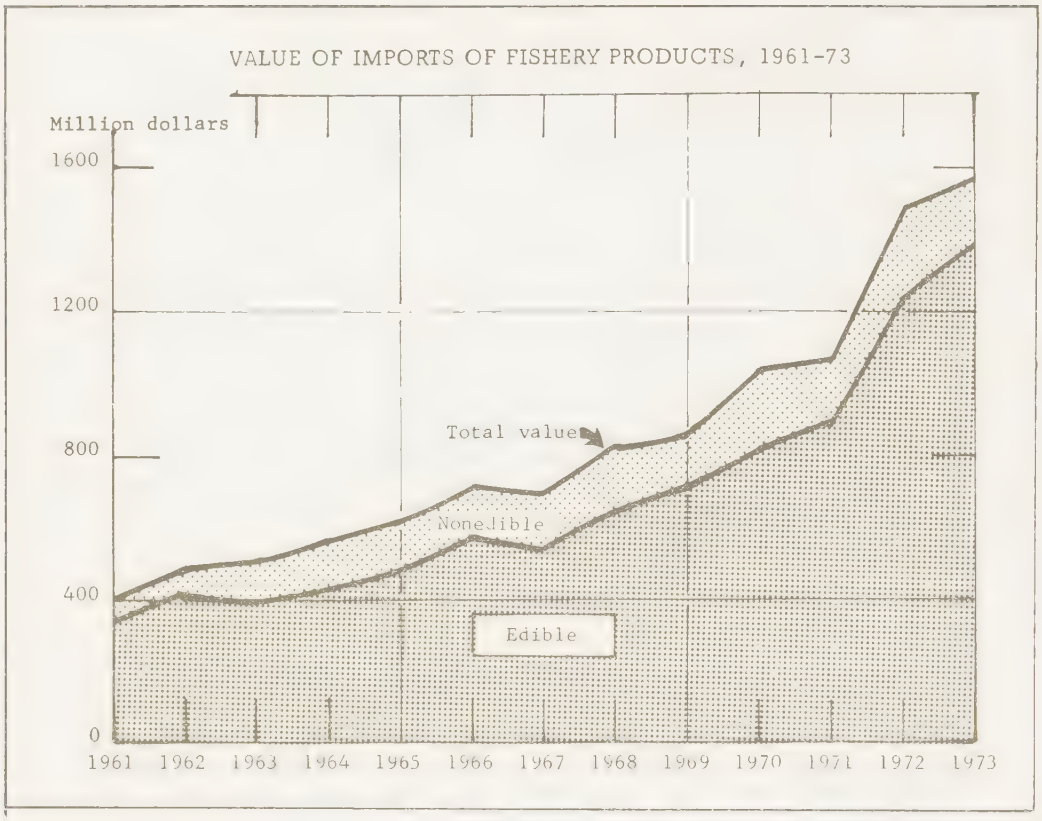
Total domestic exports were valued at a record $299.2 million in 1973--up 89 percent over 1972. Exports of edible products were 238.9 million pounds valued at $241.9 million in 1973--an increase of 39 percent in volume and 80 percent in value over 1972. Exports of edible domestic products increased in 1973 largely because of increased exports of fresh and frozen salmon and other fresh and frozen fish. Exports of nonedible products were valued at $57.3 million, an increase of $33.6 million over 1972. Much of this increase was due to increased exports of fish oil.

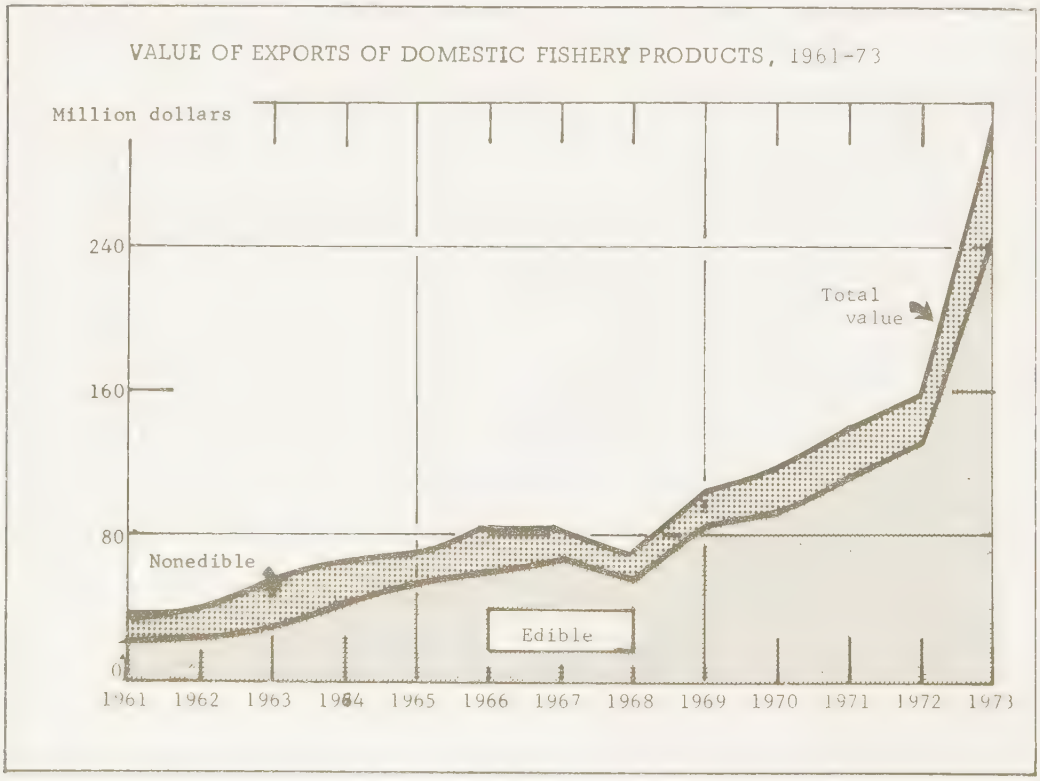
Marine Recreational Fisheries. . . .In October 1970, the responsibility for Federal activities relating to marine recreational fisheries was transferred from the Bureau of Sport Fisheries and Wildlife in the Department of Interior to the newly created National Marine Fisheries Service in the Department of Commerce. Included in this responsibility was the collection of statistics on the marine recreational fisheries in the United States.

National fishing and hunting surveys were conducted for the Department of Interior by the Bureau of Census at 5-year intervals since 1955 to estimate, for broad geographical areas, participation and expenditure data on all fishing and hunting activities in the United States. The detailed statistics on the marine recreational finfish catch and effort activities have been collected by the Salt Water Angling Surveys conducted in 1960, 1965, and 1970. Statistics collected showed 6.2 million anglers in the United States, excluding Hawaii, caught an estimated 633 million fish weighing 1.38 billion pounds in 1960. The catch increased in 1965 and again in 1970, when 9.4 million anglers, excluding Hawaii, caught 817 million fish weighing 1.58 billion pounds. Although the total marine sportfish catch increased from 1960 to 1965 and again from 1965 to 1970, the number of anglers increased 52 percent while the number of fish caught increased 29 percent and the weight of the catch increased 14 percent. Thus, both the catch per angler and the average size of the fish caught has decreased.

The marine recreational catch constitutes a substantial share of the take of fish from marine waters by U.S. commercial and recreational fishermen. In 1970, commercial landings of finfish from continental marine waters and coastal rivers were 2.01 billion pounds, excluding landings of menhaden, a species not taken by recreational anglers. The marine recreational catch of finfish in the same year was 1.58 billion pounds.

During 1973 recreational marine fishermen had an excellent year, according to port agents of the NMFS. Highlighting the year were some of the best catches in several years. In the North Atlantic Region, the major species caught were striped bass, bluefish, mackerel, and flounders. Bluefish migrated as far north as Rockland, Maine, and residents of Maine could not recall a previous migration this far north. Unusually large numbers of bluefin tuna were caught in waters of Massachusetts. In the Middle Atlantic Region, recreational fishermen enjoyed a successful year with mild weather prevailing throughout the fishing season. Bluefish, fluke, mackerel, puffer, and spot were the most abundantly reported species caught. In the South Atlantic Region, bluefish, kingfish, sea trout, and mackerel were the most important species. Most unusual were the quantities of jumbo bluefish caught by beach fishermen and trollers off the North Carolina coast. Gulf of Mexico recreational marine fishermen made heavy catches of shrimp, croaker, sea trout, and kingfish during the year. In the Pacific Coast Region, California recreational marine fishing was the best in years. The leading species were rockfish, yellowtail, kelp bass, sand bass, and bonito. Rockfish continued to be the leading species caught and accounted for 60 percent of the total number of fish reported by California party boats. Unusually warm water early in the season was apparently the cause of a low recreational catch of albacore during 1973.


VALUE OF IMPORTS OF FISHERY PRODUCTS, 1961-73
Million dollars
1600
1200
800
400
0
Total value
Nonedible
Edible
1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973


VALUE OF EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1961-73
Million dollars
240
160
80
0
Total value
Nonedible
Edible
1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973

U.S. COMMERCIAL LANDINGS BY SPECIES, 1972 AND 1973[1/]

Species	1972		1973		5-year average 1968-72
Fish	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds
Alewives:					
Atlantic and Gulf	27,814	601	23,491	667	47,166
Great Lakes	27,961	238	32,883	380	29,628
Anchovies	149,071	1,763	229,286	5,253	119,419
Bluefish	7,154	833	10,058	1,042	6,499
Bonito	22,855	1,721	28,422	3,213	16,941
Butterfish	1,620	395	3,384	825	3,542
Cod:					
Atlantic	46,254	7,887	50,080	8,989	51,805
Pacific	10,390	779	9,482	697	5,893
Croaker	16,780	1,838	22,652	2,589	9,744
Cusk	2,170	215	2,866	331	1,544
Flounders:					
Atlantic and Gulf:					
Blackback	20,296	4,364	21,295	4,960	21,967
Fluke	5,445	2,062	9,787	3,560	5,352
Yellowtail	72,186	12,603	65,481	13,660	69,601
Other	18,555	4,370	18,164	4,310	19,133
Pacific	52,285	5,363	47,854	4,778	46,864
Total	168,767	28,762	162,581	31,268	162,917
Groupers	7,634	1,983	6,947	2,000	7,938
Haddock	11,721	4,291	8,313	3,160	35,336
Hake:					
Pacific	4,189	42	2,533	37	8,370
Red	2,871	162	4,701	294	3,708
White	6,642	524	5,345	621	2,779
Halibut	26,834	13,153	24,196	12,601	29,834
Herring, sea:					
Atlantic	88,518	2,311	59,051	1,753	78,526
Pacific	13,448	1,150	41,419	3,285	14,753
Jack mackerel	52,800	2,217	17,688	842	53,571
Mackerel:					
Atlantic	4,587	361	4,313	499	6,914
King	5,412	1,527	6,232	2,205	6,043
Spanish	9,314	1,121	10,695	1,698	10,897
Menhaden:					
Atlantic	831,643	13,153	817,457	28,637	596,987
Gulf	1,107,124	18,061	1,072,890	44,639	1,180,405
Total	1,938,767	31,214	1,890,347	73,276	1,777,392
Mullet	32,848	2,787	33,442	3,417	31,649
Ocean perch:					
Atlantic	58,791	3,289	53,683	4,132	58,215
Pacific	9,752	591	5,155	506	12,524
Pollock	12,796	1,139	14,077	1,438	9,979
Rockfishes	30,539	1,912	35,419	3,451	28,245
Salmon, Pacific:					
Chinook or king	28,254	16,364	31,008	28,616	29,115
Chum or keta	54,514	10,252	57,174	30,246	50,069
Pink	55,414	8,903	47,024	14,950	104,239
Red or sockeye	48,218	14,582	45,911	28,357	89,535
Silver or coho	30,285	12,657	31,892	22,944	34,550
Total	216,685	62,758	213,009	125,113	307,508

See footnotes at end of table. (Continued on next page)

U.S. COMMERCIAL LANDINGS BY SPECIES, 1972 AND 1973 1/ - Continued

Species	1972		1973		5-year average 1968-72
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds
Scup and porgy	8,187	1,889	10,758	3,022	10,719
Sea bass:					
Black	3,146	940	3,726	1,156	3,907
White	800	280	966	453	970
Sea trout:					
Gray	15,840	1,412	16,376	1,965	8,751
Spotted	6,392	1,967	8,802	2,903	6,149
White	1,457	106	2,051	157	1,264
Sharks	685	70	1,174	116	1,179
Snapper:					
Red	8,572	4,938	8,879	5,427	9,735
Other	2,639	1,225	2,542	1,393	2,293
Striped bass	8,943	2,466	13,504	4,241	10,355
Tuna:					
Albacore	58,171	19,701	34,566	14,348	52,642
Bluefin	2/ 28,643	2/ 6,417	2/ 23,958	2/ 6,442	20,151
Little	33	6	50	10	84
Skipjack	46,820	9,576	40,348	9,711	73,431
Yellowfin	243,902	54,233	243,169	59,594	201,263
Total	377,569	89,933	342,091	90,105	347,571
Warsaw	190	29	175	43	214
Whiting	26,711	2,382	42,671	3,394	45,781
Wolffish	673	45	660	41	577
Other fish	338,261	32,271	358,646	42,205	-
Total fish	3,815,049	317,517	3,824,771	452,203	-
Shellfish et al.					
Clams:					
Hard	16,336	18,501	14,593	17,539	16,236
Soft	8,769	5,252	8,991	7,109	11,469
Surf	63,441	7,931	82,251	9,808	54,688
Other	554	175	458	274	1,397
Total	89,100	31,859	106,293	34,730	83,790
Crabs:					
Blue, hard	145,356	14,194	134,885	17,329	136,353
Dungeness	26,917	11,871	12,124	6,975	45,226
King	74,010	25,896	76,000	49,354	67,241
Snow	28,994	4,056	61,200	11,016	14,126
Other	5,800	2,593	7,673	3,412	6,357
Total	281,077	58,610	291,882	88,086	269,303
Lobsters:					
American	29,278	36,052	29,035	41,917	32,624
Spiny	11,199	11,582	11,376 ~~376~~ 48,553	12,007	9,248
Oysters	52,546	33,819		35,191	54,964
Scallops:					
Bay	479	786	1,805	3,469	1,450
Calico	1,342	843	558	356	1,006
Sea	6,995	12,625	6,293	10,677	8,736

See footnotes at end of table. (Continued on next page)

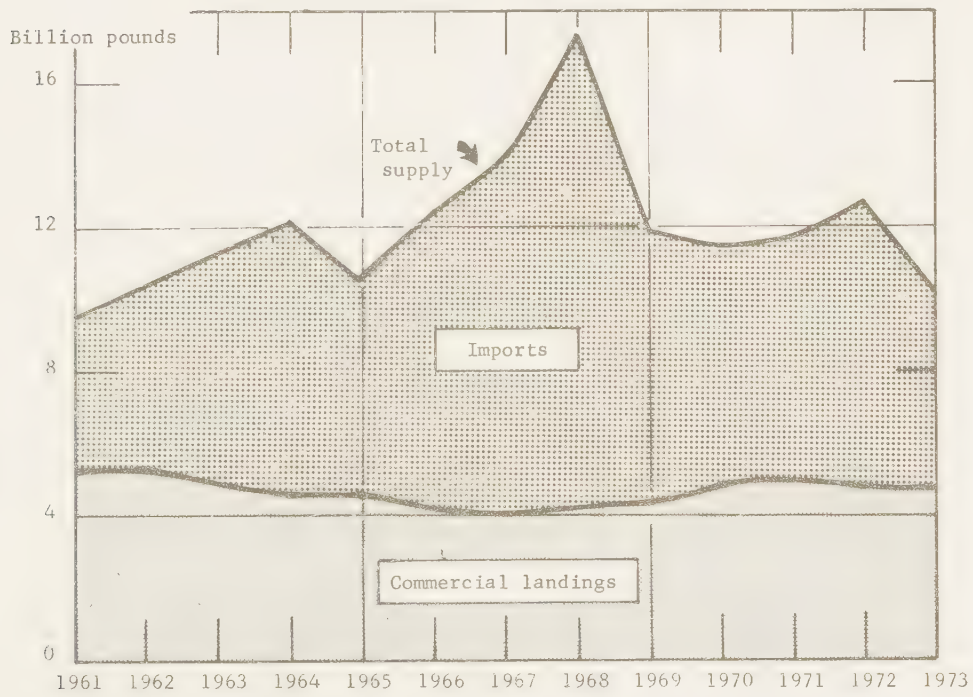
U.S. COMMERCIAL LANDINGS BY SPECIES, 1972 AND 1973[1/] - Continued

Species	1972		1973		5-year average 1968-72
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds
Shrimp:					
New England	24,526	4,598	20,766	5,660	23,115
South Atlantic	25,905	18,528	25,062	26,641	25,751
Gulf	228,488	163,417	182,069	172,961	218,100
Pacific Coast	106,031	6,644	144,287	14,153	84,668
Other	2	1	6	5	3
Total	384,952	193,188	372,190	219,420	351,637
Squid	23,149	985	13,933	1,282	28,093
Other shellfish	15,234	5,734	25,411	8,062	-
Total shellfish et al.	895,351	386,083	907,329	455,197	-
Grand total	4,710,400	703,600	4,732,100	907,400	-

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell. 2/ Includes data on landings of bigeye tuna in Hawaii.

Note:--Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish. Data are preliminary.

TOTAL U.S. SUPPLY OF FISHERY PRODUCTS, 1961-73
(Round weight basis)



COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1973 1/

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		12 to 200 miles					
Fish	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Alewives:										
Atlantic and Gulf	23,381	664	104	3	6	(2)	-	-	23,491	667
Great Lakes . . .	8,221	95	13,153	152	11,509	133	-	-	32,883	380
Anchovies	7,129	210	211,621	4,804	10,536	239	-	-	229,286	5,253
Bluefish.	8,842	919	1,037	105	179	18	-	-	10,058	1,042
Bonito.	8,406	943	6,343	719	187	20	13,486	1,531	28,422	3,213
Butterfish.	1,200	336	545	121	1,639	368	-	-	3,384	825
Cod:										
Atlantic.	2,261	377	14,242	2,494	33,172	6,034	405	84	50,080	8,989
Pacific	1,749	127	1,968	150	4,765	352	1,000	68	9,482	697
Croaker	7,018	748	2,892	380	12,742	1,461	-	-	22,652	2,589
Cusk.	114	8	1,199	136	1,477	178	76	9	2,866	331
Flounders:										
Atlantic and Gulf										
Blackback . . .	3,408	570	5,726	1,215	12,061	3,143	100	32	21,295	4,960
Fluke	4,753	1,915	3,154	925	1,880	720	-	-	9,787	3,560
Yellowtail. . .	3,931	618	5,878	1,161	55,667	11,879	5	2	65,481	13,660
Other	9,116	2,304	3,586	813	5,406	1,177	56	16	18,164	4,310
Pacific	3,795	295	20,020	2,095	22,239	2,271	1,800	117	47,854	4,778
Total	25,003	5,702	38,364	6,209	97,253	19,190	1,961	167	162,581	31,268
Groupers.	425	128	1,172	352	5,063	1,449	287	71	6,947	2,000
Haddock	96	35	843	365	6,370	2,400	1,004	360	8,313	3,160
Hake:										
Pacific	2,515	37	9	(2)	9	(2)	-	-	2,533	37
Red	2,211	114	1,708	115	779	65	3	(2)	4,701	294
White	658	57	1,618	180	3,005	374	64	10	5,345	621
Halibut	2,738	1,409	5,899	3,112	15,515	8,048	44	32	24,196	12,601
Herring, sea:										
Atlantic.	41,815	1,237	13,518	408	3,718	108	-	-	59,051	1,753
Pacific	41,419	3,285	-	-	-	-	-	-	41,419	3,285
Jack mackerel . . .	4,245	202	5,519	263	7,924	377	-	-	17,688	842
Mackerel:										
Atlantic.	2,530	269	1,086	107	697	123	-	-	4,313	499
King.	1,568	537	3,844	1,378	820	290	-	-	6,232	2,205
Spanish	3,283	505	6,089	998	1,323	195	-	-	10,695	1,698
Menhaden:										
Atlantic.	748,919	26,571	68,538	2,066	-	-	-	-	817,457	28,637
Gulf.	946,342	39,375	126,324	5,255	224	9	-	-	1,072,890	44,639
Total	1,695,261	65,946	194,862	7,321	224	9	-	-	1,890,347	73,276

See footnotes at end of table.

(Continued on next page)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1973 1/ - Continued

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		12 to 200 miles					
Fish	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Mullet	32,262	3,318	1,004	90	176	9	-	-	33,442	3,417
Ocean perch:										
Atlantic	50	4	399	28	25,902	2,164	27,332	1,936	53,683	4,132
Pacific	-	-	90	8	2,065	203	3,000	295	5,155	506
Pollock	1,503	71	3,027	249	8,288	934	1,259	184	14,077	1,438
Rockfishes	1,820	178	17,965	1,733	14,008	1,378	1,626	162	35,419	3,451
Salmon, Pacific:										
Chinook or king	21,405	19,932	7,194	6,472	2,309	2,122	100	90	31,008	28,616
Chum or keta	57,174	30,246	-	-	-	-	-	-	57,174	30,246
Pink	44,965	14,330	2,059	620	-	-	-	-	47,024	14,950
Red or sockeye	45,911	28,357	-	-	-	-	-	-	45,911	28,357
Silver or coho	21,298	15,474	7,686	5,423	2,808	1,977	100	70	31,892	22,944
Total	190,753	108,339	16,939	12,515	5,117	4,099	200	160	213,009	125,113
Scup or porgy	4,965	1,600	1,482	380	4,311	1,042	-	-	10,758	3,022
Sea bass:										
Black	216	90	476	163	2,976	887	58	16	3,726	1,156
White	606	284	34	16	7	4	319	149	966	453
Sea trout:										
Gray	14,059	1,720	2,212	228	105	17	-	-	16,376	1,965
Spotted	8,581	2,824	217	78	4	1	-	-	8,802	2,903
White	528	54	151	9	1,372	94	-	-	2,051	157
Sharks	495	56	598	49	49	6	32	5	1,174	116
Snappers:										
Red	109	73	579	385	7,073	4,382	1,118	587	8,879	5,427
Other	844	437	653	354	979	569	66	33	2,542	1,393
Striped bass	12,467	3,934	1,023	303	14	4	-	-	13,504	4,241
Tuna:										
Albacore	-	-	82	35	28,984	12,044	5,500	2,269	34,566	14,348
Bluefin 3/	958	392	1,063	452	2,237	1,031	19,758	4,580	24,016	6,455
Little	30	5	16	4	4	1	-	-	50	10
Skipjack	101	29	3,095	866	7,463	2,090	93,305	21,372	103,964	24,357
Yellowfin	61	48	184	145	602	346	352,140	85,864	352,987	86,403
Total	1,150	474	4,440	1,502	39,290	15,512	470,703	114,085	515,583	131,573
Warsaw	-	-	25	5	150	38	-	-	175	43
Whiting	3,039	282	18,972	1,486	20,660	1,626	-	-	42,671	3,394
Wolffish	7	(2)	305	17	303	20	45	4	660	41
Other fish	217,535	27,606	88,981	7,761	47,673	6,045	4,434	838	358,623	42,250
Total fish	2,383,077	235,234	687,207	57,231	399,434	80,465	528,522	120,786	3,998,240	493,716

See footnotes at end of table.

(Continued on next page)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1973 1/ - Continued

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		12 to 200 miles					
Shellfish et al.	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Clams:										
Hard	14,593	17,539	-	-	-	-	-	-	14,593	17,539
Soft	8,991	7,109	-	-	-	-	-	-	8,991	7,109
Surf	9,672	1,055	17,598	1,993	54,981	6,760	-	-	82,251	9,808
Other	458	274	-	-	-	-	-	-	458	274
Total	33,714	25,977	17,598	1,993	54,981	6,760	-	-	106,293	34,730
Crabs:										
Blue, hard	134,448	17,279	421	48	16	2	-	-	134,885	17,329
Dungeness	9,851	5,629	2,273	1,346	-	-	-	-	12,124	6,975
King	15,200	9,871	45,600	29,612	15,200	9,871	-	-	76,000	49,354
Snow	9,180	1,652	52,020	9,364	-	-	-	-	61,200	11,016
Other	5,106	2,189	1,017	499	1,547	723	3	1	7,673	3,412
Total	173,785	36,620	101,331	40,869	16,763	10,596	3	1	291,882	88,086
Lobsters:										
American	23,149	32,699	806	1,296	5,080	7,922	-	-	29,035	41,917
Spiny	1,731	1,937	3,613	3,855	601	607	5,431	5,608	11,376	12,007
Oysters	48,553	35,191	-	-	-	-	-	-	48,553	35,191
Scallops:										
Bay	1,805	3,469	-	-	-	-	-	-	1,805	3,469
Calico	-	-	371	233	187	123	-	-	558	356
Sea	921	1,624	521	696	4,851	8,357	-	-	6,293	10,677
Shrimp:										
New England	7,347	2,183	4,510	1,187	8,909	2,290	-	-	20,766	5,660
South Atlantic	22,141	23,645	2,621	2,735	300	261	-	-	25,062	26,641
Gulf 4/	47,847	27,974	46,122	43,894	71,405	82,277	37,426	40,703	202,800	194,848
Pacific Coast	69,742	5,557	60,726	6,221	13,819	2,375	-	-	144,287	14,153
Other	6	5	-	-	-	-	-	-	6	5
Total	147,083	59,364	113,979	54,037	94,433	87,203	37,426	40,703	392,921	241,307

See footnotes at end of table.

(Continued on next page)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1973 1/ - Continued

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		12 to 200 miles					
Shellfish et al.	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Squid	10,801	739	1,647	231	1,485	312	-	-	13,933	1,282
Other shellfish et al..	24,982	7,971	169	45	260	46	-	-	25,411	8,062
Total shellfish et al..	466,524	205,591	240,035	103,255	178,641	121,926	42,860	46,312	928,060	477,084
Grand total .	2,849,601	440,825	927,242	160,486	578,075	202,391	571,382	167,098	4,926,300	970,800

1/ Data include landings by U.S. flag vessels at Puerto Rico and other ports outside continental United States and Hawaii--therefore will not agree with table on page 19. 2/ Less than $500. 3/ Includes data on landings of bigeye tuna in Hawaii. 4/ Includes shrimp landed at Gulf coast and foreign ports.

Note:--Statistics on landings are shown in round weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats excluding the shell. Does not include production of artificially cultivated fish and shellfish.

U.S. COMMERCIAL LANDINGS BY STATES, 1972 AND 1973 [1/]

State	1972		1973		Record landings	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Year	Thousand pounds
Alabama	2/ 39,564	2/ 18,326	2/ 39,749	2/ 18,080	1973	39,749
Alaska	390,137	80,733	455,812	162,084	1936	932,341
Arkansas	3/ 9,300	3/ 1,904	3/ 9,500	3/ 2,030	-	(4)
California	639,764	91,898	669,159	102,642	1936	1,760,183
Connecticut	4,911	1,498	4,778	1,306	1930	88,012
Delaware	10,648	1,869	10,323	1,968	1953	367,500
Florida	176,271	55,711	174,128	64,103	1938	241,443
Georgia	17,544	6,802	17,185	10,615	1927	47,607
Hawaii	14,686	5,097	13,384	5,463	1954	20,610
Idaho	1,400	336	300	51	-	(4)
Illinois	2/ 5,701	2/ 686	2/ 5,619	2/ 886	-	(4)
Indiana	2/ 858	2/ 181	2/ 541	2/ 161	-	(4)
Iowa	3,518	352	3,385	365	-	(4)
Kansas	36	10	32	10	-	(4)
Kentucky	3/ 3,000	3/ 531	3/ 2,900	3/ 600	-	(4)
Louisiana	2/1,070,597	2/ 71,916	2/1,035,959	2/ 98,446	1971	1,401,252
Maine	149,271	34,819	143,317	43,060	1950	356,266
Maryland	67,636	18,261	66,969	20,664	1890	141,607
Massachusetts	248,035	48,052	269,420	57,429	1948	649,696
Michigan	14,213	2,985	16,869	3,688	1930	35,580
Minnesota	2/ 11,583	2/ 981	2/ 9,304	2/ 930	-	(4)
Mississippi	2/ 260,216	2/ 11,897	2/ 271,594	2/ 16,887	1971	400,576
Missouri	790	150	779	150	-	(4)
Montana	718	108	907	87	-	(4)
Nebraska	179	13	160	13	-	(4)
New Hampshire	1,442	1,133	1,384	930	-	(4)
New Jersey	190,517	14,423	209,796	18,443	1956	540,060
New York	37,377	22,123	36,559	21,958	1880	335,000
North Carolina	175,410	11,827	137,871	16,066	1959	342,612
North Dakota	395	40	350	36	-	(4)
Ohio	2/ 7,939	2/ 1,026	2/ 7,331	2/ 1,076	1936	31,083
Oklahoma	3/ 456	3/ 94	3/ 500	3/ 100	-	(4)
Oregon	92,923	24,024	87,838	28,410	1970	98,089
Pennsylvania	357	111	241	85	-	(4)
Rhode Island	86,376	12,443	104,966	15,135	1889	128,056
South Carolina	22,365	7,961	21,073	11,258	1965	26,611
South Dakota	3,159	253	3,006	262	-	(4)
Tennessee	3/ 6,000	3/ 1,006	3/ 7,000	3/ 1,200	-	(4)
Texas	2/ 117,000	2/ 85,011	2/ 100,969	2/ 91,271	1960	237,684
Virginia	663,845	25,992	631,421	39,381	1972	663,845
Washington	120,458	38,496	117,269	47,219	1941	197,253
West Virginia	-	-	6	2	-	(4)
Wisconsin	2/ 43,661	2/ 2,521	2/ 42,353	2/ 2,849	-	(4)
Wyoming	144	(5)	94	1	-	(4)
Total	4,710,400	703,600	4,732,100	907,400	-	-

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats excluding the shell.
2/ Landings in interior waters estimated.
3/ Estimated.
4/ Not determined.
5/ Less than $500.
Note:--Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish. Data are preliminary.

U.S. COMMERCIAL LANDINGS BY REGIONS, 1972 AND 1973

Region	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
New England and Middle Atlantic	728,098	136,232	780,036	160,095
Chesapeake	731,481	44,253	698,390	60,045
South Atlantic	284,168	44,309	241,057	56,658
Gulf	1,584,799	223,419	1,547,471	268,146
Alaska	390,137	80,733	455,812	162,084
Washington and Oregon	213,381	62,520	205,107	75,629
California	639,764	91,898	669,159	102,642
Great Lakes and Mississippi River	123,886	15,139	121,684	16,638
Hawaii	14,686	5,097	13,384	5,463
Total	4,710,400	703,600	4,732,100	907,400

Note:--Data are preliminary.

QUANTITY AND VALUE OF COMMERCIAL LANDINGS AT CERTAIN U.S. PORTS, 1973

Port	Thousand pounds	Port	Thousand dollars
San Pedro, Calif.	474,445	San Pedro, Calif.	*66,292
Cameron, La.	336,196	Brownsville-Port Isabel, Tex.	33,188
Pascagoula-Moss Point, Miss.	205,304	Kodiak, Alaska	31,808
Dulac-Chauvin, La.	188,330	Aransas Pass-Rockport, Tex.	21,968
Empire, La.	176,814	Cameron, La.	20,505
Kodiak, Alaska	132,542	Dulac-Chauvin, La.	20,500
Gloucester, Mass.	129,533	New Bedford, Mass.	17,379
Morgan City, La.	95,914	San Diego, Calif.	16,160
Point Judith, R.I.	69,649	Empire, La.	13,375
San Diego, Calif.	68,249	Bayou La Batre, Ala.	13,300
New Bedford, Mass.	61,143	Astoria, Oreg.	13,000
Beaufort-Morehead City, N.C.	42,337	Gloucester, Mass.	12,161
Astoria, Oreg.	36,000	Freeport, Tex.	11,734
Golden Meadow-Leeville, La.	32,565	Pascagoula-Moss Point, Miss.	9,294
Bellingham, Wash.	32,500	Golden Meadow-Leeville, La.	8,862
Bayou La Batre, Ala.	30,200	Bellingham, Wash.	7,000
Brownsville-Port Isabel, Tex.	29,275	Morgan City, La.	6,872
Aransas Pass-Rockport, Tex.	28,759	Boston, Mass.	5,838
Portland, Maine	26,884	Point Judith, R.I.	5,742
Boston, Mass.	26,741	Newport, R.I.	5,578

*Record.

Note:--Intercoastal City, La., Port Monmouth, N.J., Reedville, Va., and Southport, N.C., are not listed in the above table to avoid disclosure of private enterprise. Data are based on latest available information and are not intended to show the relative position of all ports in the United States. Record landings of 848 million pounds of fish and shellfish were made in the San Pedro area in 1950.

U.S. COMMERCIAL LANDINGS

U.S. COMMERCIAL LANDINGS OF FISH AND SHELLFISH, 1960-73 1/

Year	Landings for human food		Landings for industrial products 2/		Total	
	Million pounds	Million dollars	Million pounds	Million dollars	Million pounds	Million dollars
1960	2,498	(3)	2,444	(3)	4,942	354
1961	2,490	(3)	2,697	(3)	5,187	362
1962	2,540	(3)	* 2,814	(3)	* 5,354	396
1963	2,556	(3)	2,291	(3)	4,847	377
1964	2,497	(3)	2,044	(3)	4,541	389
1965	2,587	409	2,190	37	4,777	446
1966	2,573	437	1,793	35	4,366	472
1967	2,368	414	1,687	26	4,055	440
1968	2,347	468	1,813	29	4,160	497
1969	2,321	492	2,016	35	4,337	527
1970	2,537	565	2,380	48	4,917	613
1971	2,400	595	2,569	48	4,969	643
1972	2,310	658	2,400	46	4,710	704
1973	2,328	816	2,404	91	4,732	907

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell. 2/ Processed into meal, oil, fish solubles, shell products, and used as bait and animal food. 3/ Data not available. *Record.

Note:--A record 3.3 billion pounds of fish and shellfish were used for human food in 1950. Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish.

DISPOSITION OF COMMERCIAL LANDINGS, 1972 AND 1973

End use	1972		1973	
	Million pounds	Percent	Million pounds	Percent
Fresh and frozen:				
For human food	1,441	30.6	1,458	30.8
For bait and animal food	95	2.0	109	2.3
Total	1,536	32.6	1,567	33.1
Canned:				
For human food	798	16.9	799	16.9
For bait and animal food	117	2.5	119	2.5
Total	915	19.4	918	19.4
Cured	71	1.5	71	1.5
Reduction to meal, oil, etc.	2,188	46.5	2,176	46.0
Grand total	4,710	100.0	4,732	100.0

Note:--Data are preliminary.

MONTHLY COMMERCIAL LANDINGS AND UTILIZATION OF FISH AND SHELLFISH, 1973

Month	Landings for human food		Landings for industrial products 1/		Total	
	Million pounds	Percent	Million pounds	Percent	Million pounds	Percent
January	94	4.0	19	.8	113	2.4
February	112	4.8	24	1.0	136	2.9
March	128	5.5	19	.8	147	3.1
April	189	8.1	95	4.0	284	6.0
May	243	10.4	211	8.8	454	9.6
June	234	10.1	366	15.2	600	12.7
July	278	12.0	549	22.8	827	17.5
August	301	12.9	481	20.0	782	16.5
September	224	9.6	284	11.8	508	10.7
October	197	8.5	175	7.3	372	7.9
November	188	8.1	106	4.4	294	6.2
December	140	6.0	75	3.1	215	4.5
Total	2,328	100.0	2,404	100.0	4,732	100.0

1/ Manufactured into meal, oil, solubles, and shell products and used as bait and animal food.

TAKE OF PRIBILOF ISLANDS SEALSKINS, 1961-73

Year	Skins taken 1/		
	Male	Female	Total
	Number		
1961	82,099	13,875	95,974
1962	53,460	24,455	77,915
1963	42,278	42,976	85,254
1964	48,223	15,983	64,206
1965	41,216	9,804	51,020
1966	52,866	-	52,866
1967	55,638	10,034	65,672
1968	45,437	13,095	58,532
1969	38,610	195	38,805
1970	42,060	119	42,179
1971	31,740	-	31,740
1972	37,146	75	37,221
1973	28,582	-	28,582

1/ Until 1973 includes harvest from St. Paul and St. George Islands. Beginning in 1973 includes only St. Paul Island.

AVERAGE VALUE OF PRIBILOF ISLANDS SEALSKINS, 1961-73

Year	Dressed, dyed, machined, and finished				Sheared	
	Male		Female		Female	
	Spring sale	Fall sale	Spring sale	Fall sale	Spring sale	Fall sale
	Dollars per skin					
1961	87.94	86.69	-	-	11.99	41.05
1962	106.42	107.53	-	-	44.33	48.40
1963	122.52	1/111.72	-	(1)	43.09	40.63
1964	105.45	85.56	71.16	64.34	48.82	59.65
1965	116.36	2/103.78	89.21	(2)	47.68	60.80
1966	3/127.99	4/105.93	(3)	(4)	77.22	62.85
1967	5/ 90.30	6/ 80.22	(5)	(6)	48.86	82.43
1968	113.48	91.36	98.71	64.49	50.51	54.88
1969	104.55	76.02	69.40	63.11	46.25	43.98
1970	79.22	82.56	71.23	73.86	34.04	40.37
1971	78.95	68.90	72.90	71.77	38.44	76.55
1972	102.74	91.80	-	-	59.38	67.19
1973	125.42	125.12	-	-	7/105.33	-

1/ A total of 4,668 female skins were sold with the male skins. 2/ A total of 1,870 female skins were sold with the male skins. 3/ A total of 2,537 female skins were sold with the male skins. 4/ A total of 3,395 female skins were sold with the male skins. 5/ A total of 3,073 female skins were sold with the male skins. 6/ A total of 3,118 female skins were sold with the male skins. 7/ A total of 1,905 male skins were sold with the female skins.
Note:--The skins sold were taken several years prior to the year of sale.

U.S. MARINE RECREATIONAL FISHERIES: NUMBER OF MARINE FISHERMEN, EXPENDITURES, AND TOTAL FINFISH CATCH BY COAST, 1955, 1960, 1965, AND 1970

Year	Fishermen			
	Atlantic	Gulf of Mexico	Pacific	Total
	Thousand			
1955	2,343	1,077	1,137	4,557
1960	3,383	1,437	1,472	6,292
1965	4,178	2,084	2,043	8,305
1970	5,010	2,272	2,178	9,460

Year	Expenditures			
	Atlantic	Gulf of Mexico	Pacific	Total
	Thousand dollars			
1955	213,653	98,209	177,077	488,939
1960	346,373	144,857	134,961	626,191
1965	331,179	176,104	292,373	799,656
1970	636,380	404,646	183,679	1,224,705

Year	Total finfish catch 1/			
	Atlantic	Gulf of Mexico	Pacific	Total
	Thousand pounds			
1955	(2)	(2)	(2)	(2)
1960	731,852	411,110	237,339	1,380,301
1965	836,481	375,575	262,297	1,474,353
1970	917,631	485,728	173,464	1,576,823

1/ Does not include Hawaii.

2/ No survey in 1955.

Sources:-- National Survey of Fishing and Hunting for 1955, 1960, 1965, and 1970, U.S. Department of the Interior.
Salt-Water Angling Survey for 1960 and 1965, U.S. Department of the Interior, Fish and Wildlife Service.
Salt-Water Angling Survey for 1970, U.S. Department of Commerce, National Marine Fisheries Service.

U.S. MARINE RECREATIONAL CATCH OF FINFISH: ESTIMATED WEIGHT[1/] BY SPECIES AND BY REGION, 1970

Species	Region 2/							All regions
	North Atlantic	Middle Atlantic	South Atlantic	East Gulf of Mexico	West Gulf of Mexico	South Pacific	North Pacific	
	Thousand pounds							
Barracudas	-	-	3,746	112	-	5,524	-	9,382
Basses, black sea	615	6,710	12,381	1,762	24	-	-	21,492
Basses, Pacific	-	-	-	-	-	18,917	-	18,917
Billfishes	-	717	12,489	551	-	1,361	-	15,118
Bluefish	50,161	49,720	19,271	351	1,308	-	-	120,811
Bonitos	-	282	2,295	2,955	37	15,659	-	21,228
California corbina	-	-	-	-	-	7,450	-	7,450
Catfishes	-	6,151	16,570	31,989	17,800	-	-	72,510
Cods	35,688	230	-	-	-	-	990	36,908
Croakers	-	3,831	5,947	48,051	14,743	2,254	610	75,436
Dolphins	-	419	27,806	2,133	-	-	-	30,358
Drum, black	-	1,454	12,123	16,096	13,004	-	-	42,677
Drum, red	-	83	13,358	27,525	25,520	-	-	66,486
Eel, American	3,166	740	122	76	19	-	-	4,123
Flatfishes, Pacific	-	-	-	-	-	1,113	3,058	4,171
Flounders, summer (fluke)	11,611	7,742	8,938	8,042	2,985	-	-	39,318
Flounder, winter (blackback)	24,684	12,881	-	-	-	-	-	37,565
Groupers	-	-	24,121	15,934	922	-	-	40,977
Grunts	-	-	25,962	7,114	4,316	-	-	37,392
Haddock	2,528	-	-	-	-	-	-	2,528
Hake, red	-	904	-	-	-	-	-	904
Hake, silver (whiting)	659	1,436	-	-	-	-	-	2,095
Halibut, California	-	-	-	-	-	9,243	173	9,416
Halibut, Pacific	-	-	-	-	-	-	2,815	2,815
Jacks	-	-	33,149	3,369	1,223	-	-	37,741
Jack mackerel	-	-	-	-	-	887	337	1,224
Kingfishes	3,457	2,402	14,533	12,678	3,107	-	-	36,177
Mackerels, Atlantic	41,482	29,250	-	-	-	-	-	70,732
Mackerel, king	-	225	34,942	24,481	2,978	-	-	62,626
Mackerel, Pacific	-	-	-	-	-	530	-	530
Mackerels, Spanish	-	946	14,623	7,200	608	-	-	23,377
Mullets	-	-	341	1,845	95	-	-	2,281
Perches	32	12,592	226	809	584	-	-	14,243
Pollock	5,584	-	-	-	-	-	-	5,584
Porgies	2,296	2,127	24,059	21,320	5,675	-	-	55,477
Puffers	7,899	16,568	4,440	99	8	-	-	29,014
Rockfishes	-	-	-	-	-	6,519	7,238	13,757
Salmon, chinook	-	-	-	-	-	-	15,171	15,171
Salmon, coho	-	-	-	-	-	-	14,356	14,356
Salmon, pink	-	-	-	-	-	-	1,188	1,188

See footnotes at end of table.

(Continued on next page)

U.S. MARINE RECREATIONAL CATCH OF FINFISH: ESTIMATED WEIGHT[1/] BY SPECIES AND BY REGION, 1970 - Continued

Species	Region 2/							All regions
	North Atlantic	Middle Atlantic	South Atlantic	East Gulf of Mexico	West Gulf of Mexico	South Pacific	North Pacific	
	Thousand pounds							
Sea bass, white	-	-	-	-	-	1,009	7	1,016
Sea robins	2,343	6,741	4	10	1	-	-	9,099
Sea trout, gray (weakfish)	1,645	14,039	-	-	-	-	-	15,684
Sea trout, sand (white)	-	-	23	21,124	9,345	-	-	30,492
Sea trout, spotted	-	-	25,049	40,869	40,487	-	-	106,396
Sharks	5,263	1,680	883	14,452	1,221	1,205	662	25,366
Snapper, red	-	-	5,682	11,360	278	-	-	17,320
Snapper, yellowtail	-	-	20,163	814	-	-	-	20,977
Snappers, other	-	-	735	90	2,554	-	-	3,379
Snook	-	-	17,957	3,487	-	-	-	21,444
Spot	-	21,573	9,840	-	-	-	-	31,413
Steelhead	-	-	-	-	-	-	4,441	4,441
Striped bass	45,844	27,262	189	-	-	-	10,488	83,783
Surfperches	-	-	-	-	-	5,092	2,738	7,830
Tautog	15,629	1,619	-	-	-	-	-	17,248
Tunas	3,711	886	5,943	827	-	7,346	660	19,373
Wahoo	-	3,985	1,571	-	-	-	-	5,556
Yellowtail, California	-	-	-	-	-	5,629	-	5,629
Other fish	3,154	11,072	4,441	6,595	2,766	4,496	14,298	46,822
Total	267,451	246,267	403,913	334,120	151,608	94,234	79,230	1,576,823

1/ Weight of fish caught, but not necessarily brought ashore, by recreational marine fishermen. These weight estimates contain errors in both sampling and response.

2/ The regions are defined as follows:

North Atlantic	Atlantic coast from Maine to and including New York
Middle Atlantic	Atlantic coast from New Jersey to Cape Hatteras, N.C.
South Atlantic	Atlantic coast from Cape Hatteras, N.C., to southern Florida including the Florida Keys
East Gulf of Mexico	Gulf coast from the Florida Keys to and including the Mississippi River delta
West Gulf of Mexico	Gulf coast from the Mississippi River delta to the Mexican border
South Pacific	Pacific coast from the Mexican border to Point Conception, Calif.
North Pacific	Pacific coast from Point Conception, Calif., north to Washington and including Alaska

Note:--Does not include crustaceans, mollusks, and other invertebrates. In some coastal areas, recreational marine fishermen harvest significant quantities of these animals.

Source:--Adapted from the 1970 Salt-Water Angling Survey, U.S. Department of Commerce, National Marine Fisheries Service, C.F.S. No. 6200.

COMMERCIAL CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY LEADING COUNTRIES, 1957-72

Year	Country	Thousand metric tons	Million pounds	Year	Country	Thousand metric tons	Million pounds
1957:		- Live weight -		1965:		- Live weight -	
	Japan	5,407	11,921		Peru	7,632	16,825
	China (Mainland)	3,120	6,878		Japan	6,908	15,229
	United States	2,755	6,074		China (Mainland)	5,333	11,757
	Union of Soviet Socialist Republics	2,531	5,580		Union of Soviet Socialist Republics	5,100	11,243
	Norway	1,746	3,849		United States	2,724	6,006
1958:				1966:			
	Japan	5,505	12,136		Peru	8,845	19,499
	China (Mainland)	4,060	8,951		Japan	7,102	15,657
	United States	2,703	5,960		China (Mainland)	5,631	12,414
	Union of Soviet Socialist Republics	2,621	5,778		Union of Soviet Socialist Republics	5,349	11,792
	Norway	1,442	3,180		Norway	2,871	6,329
1959:				1967:			
	Japan	5,884	12,972		Peru	10,199	22,484
	China (Mainland)	5,020	11,067		Japan	7,850	17,307
	United States	2,891	6,373		Union of Soviet Socialist Republics	5,777	12,736
	Union of Soviet Socialist Republics	2,756	6,076		China (Mainland)	5,187	11,435
	Peru	2,314	5,101		Norway	3,266	7,200
1960:				1968:			
	Japan	6,192	13,652		Peru	10,556	23,271
	China (Mainland)	5,800	12,787		Japan	8,670	19,113
	Peru	3,727	8,217		Union of Soviet Socialist Republics	6,082	13,409
	Union of Soviet Socialist Republics	3,051	6,726		China (Mainland)	5,401	11,907
	United States	2,814	6,205		Norway	2,856	6,296
1961:				1969:			
	Japan	6,710	14,794		Peru	9,243	20,378
	China (Mainland) 1/	5,800	12,787		Japan	8,613	18,989
	Peru	5,450	12,016		Union of Soviet Socialist Republics	6,497	14,324
	Union of Soviet Socialist Republics	3,250	7,165		China (Mainland)	5,535	12,202
	United States	2,932	6,464		Norway	2,491	5,491
1962:				1970:			
	Peru	7,164	15,793		Peru	12,613	27,807
	Japan	6,867	15,139		Japan	9,315	20,536
	Union of Soviet Socialist Republics	3,616	7,973		Union of Soviet Socialist Republics	7,252	15,988
	China (Mainland)	3,516	7,751		China (Mainland)	6,255	13,790
	United States	2,973	6,554		Norway	2,980	6,570
1963:				1971:			
	Peru	7,091	15,632		Peru	10,606	23,382
	Japan	6,699	14,768		Japan	9,949	21,934
	China (Mainland)	3,985	8,785		China 2/	7,530	16,601
	Union of Soviet Socialist Republics	3,977	8,768		Union of Soviet Socialist Republics	7,337	16,175
	United States	2,777	6,122		Norway	3,075	6,779
1964:				1972:			
	Peru	9,321	20,550		Japan	10,248	22,593
	Japan	6,351	14,001		Union of Soviet Socialist Republics	7,757	17,101
	China (Mainland)	4,765	10,505		China 2/	7,574	16,698
	Union of Soviet Socialist Republics	4,476	9,867		Peru	4,768	10,512
	United States	2,619	5,773		Norway	3,163	6,973

1/ Data are for 1960. 2/ Peoples Republic of China (Mainland) and Republic of China (Taiwan).
Note:--Data reflect latest information published in the various volumes of Yearbook of Fishery Statistics, Food and Agriculture Organization of the United Nations.

COMMERCIAL CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY COUNTRIES, 1971 AND 1972

Country	1971[1/]			1972		
	Thousand metric tons live weight	Million pounds live weight	Million dollars	Thousand metric tons live weight	Million pounds live weight	Million dollars
Japan	9,949	21,934	3,135	10,248	22,593	2/ 3,366
Union of Soviet Socialist Republics	7,337	16,175	2/ 1,480	7,757	17,101	2/ 1,573
China 3/	7,530	16,601	2/ 2,164	7,574	16,698	2/ 2,171
Peru	10,606	23,382	174	4,768	10,512	91
Norway	3,075	6,779	238	3,163	6,973	235
United States	4/ 2,793	4/ 6,157	643	4/ 2,650	4/ 5,842	704
Thailand	1,587	3,499	301	1,679	3,702	342
India	1,852	4,083	342	1,637	3,609	357
Spain	1,505	3,318	2/ 431	1,617	3,565	602
Chile	1,487	3,278	2/ 39	1,487	3,278	2/ 39
Denmark	1,401	3,089	142	1,443	3,181	161
Korea, Republic of	1,074	2,368	255	1,339	2,952	264
Indonesia	1,244	2,743	354	1,268	2,795	363
Canada	1,290	2,844	200	1,169	2,577	236
Philippines	1,050	2,315	651	1,149	2,533	359
South Africa, Republic of	1,165	2,568	51	1,123	2,476	48
United Kingdom	1,107	2,440	255	1,082	2,385	291
Korea, North	800	1,764	2/ 190	800	1,764	2/ 190
France	742	1,636	315	783	1,726	374
Iceland	685	1,510	68	726	1,601	71
Vietnam, South	588	1,296	167	678	1,495	193
Angola	316	697	7	599	1,321	18
Brazil	581	1,281	2/ 160	581	1,281	2/ 160
Poland	518	1,142	100	544	1,199	108
Portugal	463	1,021	96	463	1,021	2/ 96
Burma	443	977	80	446	983	2/ 82
Germany, Federal Republic of	508	1,120	123	419	924	117
Italy	390	860	256	414	913	301
Mexico	402	886	95	402	886	2/ 95
Malaysia	368	811	113	359	791	151
Netherlands	321	708	94	348	767	109
Germany, East	338	745	2/ 66	338	745	2/ 67
Vietnam, North	300	661	2/ 83	300	661	2/ 83
Ghana	220	485	2/ 36	281	619	46
Senegal	240	529	48	249	549	55
Bangladesh	247	545	2/ 156	247	545	2/ 156
Morocco	227	500	19	246	542	21
All others 5/	4,951	10,914	1,273	5,224	11,517	1,405
Total	69,700	153,661	2/14,400	65,600	144,622	2/15,100

1/ Revised. 2/ Estimated by National Marine Fisheries Service, Statistics and Market News Division. 3/ Peoples Republic of China (Mainland) and Republic of China (Taiwan). 4/ Includes the weight of clam, oyster, scallop, and other mollusk shells. This weight is not included in other United States catch statistics. 5/ Residual.

Source:--Yearbook of Fishery Statistics, 1972, Vol. 34, Food and Agriculture Organization of the United Nations.

COMMERCIAL CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY CONTINENTS, 1971 AND 1972

Continent	1971[1]			1972		
	Thousand metric tons live weight	Million pounds live weight	Million dollars[2]	Thousand metric tons live weight	Million pounds live weight	Million dollars[2]
Asia	28,070	61,883	8,382	28,850	63,603	8,450
Europe	12,060	26,587	2,422	12,380	27,293	2,800
Union of Soviet Socialist Republics	7,340	16,182	1,480	7,760	17,108	1,573
South America	13,220	29,145	479	7,470	16,468	440
North and Central America	5,040	11,111	1,149	4,810	10,604	1,263
Africa	3,720	8,201	363	4,110	9,061	410
Oceania	220	485	130	230	507	150
Total [3]	69,700	153,661	14,400	65,600	144,622	15,100

1/ Revised. 2/ Estimated by National Marine Fisheries Service, Statistics and Market News Division. 3/ Figures will not add to totals because of rounding and conversion.

Source:--Yearbook of Fishery Statistics, 1972, Vol. 34, Food and Agriculture Organization of the United Nations.

COMMERCIAL CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY MAJOR FISHING AREAS, 1971 AND 1972

Area	1971[1]		1972	
	Thousand metric tons	Million pounds	Thousand metric tons	Million pounds
	Live weight			
Marine areas:				
Pacific Ocean and ajacent areas	34,290	75,596	29,480	64,992
Atlantic Ocean and ajacent areas	23,310	51,389	24,250	53,462
Indian Ocean and ajacent areas	2,720	5,997	2,510	5,534
Total [3]	60,320	132,981	56,240	123,987
Inland waters:				
Asia	6,710	14,793	6,760	14,903
Africa	1,160	2,557	1,150	2,535
Union of Soviet Socialist Republics	940	2,072	870	1,918
South America	220	485	240	529
Europe	220	485	220	485
North and Central America	110	243	110	243
Oceania	(2)	(2)	(2)	(2)
Total	9,360	20,635	9,350	20,613
Grand total [3]	69,700	153,661	65,600	144,622

1/ Revised. 2/ Negligible. 3/ Figures will not add to total because of rounding.

Source:--Yearbook of Fishery Statistics, 1972, Vol. 34, Food and Agriculture Organization of the United Nations.

COMMERCIAL CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY SPECIES GROUPS, 1971 AND 1972

Species group	1971 1/		1972	
	Thousand metric tons	Million pounds	Thousand metric tons	Million pounds
	Live weight			
Herring, sardines, anchovies, et al.	19,431	42,838	13,538	29,846
Cods, hakes, haddocks, et al.	10,681	23,547	11,472	25,291
Miscellaneous marine fishes	8,516	18,774	9,404	20,732
Freshwater fishes	8,570	18,893	8,580	18,915
Redfish, basses, congers, et al.	3,815	8,411	3,774	8,320
Mollusks	3,210	7,077	3,520	7,760
Mackerels, snoeks, cutlassfishes, et al.	3,247	7,158	3,131	6,903
Salmon, trouts, smelts, et al.	2,164	4,771	2,451	5,403
Tunas, bonitos, billfishes, et al.	1,629	3,591	1,594	3,514
Crustaceans	1,680	3,704	1,670	3,682
Flounders, halibuts, soles, et al.	1,375	3,031	1,288	2,840
Miscellaneous aquatic plants and animals	989	2,180	950	2,093
Shads, milkfishes, et al.	810	1,786	750	1,653
Sharks, rays, chimaeras, et al.	482	1,063	466	1,027
Jacks, mullets, sauries, et al.	2,936	6,473	2,870	6,327
Sea cucumbers, sea urchins, et al.	52	115	44	97
River eels	44	97	37	82
Sturgeons, paddlefishes, et al.	22	48	24	53
Total 2/	69,700	153,661	65,600	144,622

1/ Revised. 2/ Figures will not add to totals because of rounding and conversion.

Source:--Yearbook of Fishery Statistics, 1972, Vol. 34, Food and Agriculture Organization of the United Nations.

ESTIMATED USE OF COMMERCIAL WORLD CATCH, 1970 AND 1971

Manner used	1970	1971
	Percent of total	
Marketed fresh	27.7	28.3
Frozen	13.7	14.8
Cured	11.6	11.5
Canned	8.9	9.1
Reduced to meal and oil	36.7	34.9
Miscellaneous purposes	1.4	1.4
Total	100.0	100.0

Source:--Adapted from Yearbook of Fishery Statistics, 1971, Vol. 33, Food and Agriculture Organization of the United Nations.

PROCESSED FISHERY PRODUCTS

FISH FILLETS AND STEAKS

PRODUCTION OF FISH FILLETS AND STEAKS, 1973

Item	Fillets		Steaks		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fresh	72,773	67,780	1,195	732	73,968	68,512
Frozen. . . .	47,703	30,061	8,191	10,096	55,894	40,157
Total . .	120,476	97,841	9,386	10,828	129,862	108,669

FISH STICKS, PORTIONS, AND BREADED SHRIMP

PRODUCTION OF FISH STICKS AND PORTIONS, 1961-73

Year	Fish sticks		Fish portions	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1961.	69,824	30,100	59,847	22,192
1962.	72,217	30,076	78,678	28,089
1963.	79,302	31,590	94,644	33,980
1964.	73,574	29,986	106,313	36,532
1965.	82,483	35,778	140,464	56,025
1966.	81,415	35,787	147,581	58,013
1967.	73,909	32,559	161,313	58,518
1968.	91,695	41,454	182,771	68,620
1969.	113,369	51,242	217,071	83,719
1970.	115,924	57,722	234,247	97,930
1971.	97,777	56,807	240,196	123,136
1972.	114,493	61,491	269,204	149,148
1973.	*127,358	*79,658	*295,648	*196,990

*Record.

Note:--A fish stick, generally cut from a block of fillets, is an elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish portion, generally cut from a block of fillets, is a piece of fish flesh generally of uniform size with a thickness of 3/8 of an inch or more, and which does not conform to the definition of a fish stick.

PRODUCTION OF BREADED SHRIMP, 1961-73

Year	Breaded	
	Thousand pounds	Thousand dollars
1961.	73,795	55,089
1962.	76,803	62,230
1963.	76,216	53,527
1964.	91,333	63,388
1965.	98,144	77,091
1966.	104,926	94,169
1967.	94,230	85,319
1968.	102,964	101,681
1969.	105,627	111,960
1970.	104,953	112,166
1971.	104,588	121,213
1972.	107,375	140,933
1973.	*109,385	*174,022

*Record.

Note:--Breaded shrimp are peeled shrimp coated with breading ingredients. The product may be identified as fantail (butterfly) and round with or without tail fins and last shell segments; and as portions, sticks, or steaks when prepared from a composite unit of two or more shrimp pieces, whole shrimp or a combination of both without fins or shell.

PROCESSED FISHERY PRODUCTS

FROZEN FISHERY PRODUCTS

FREEZINGS OF FISHERY PRODUCTS, 1972 and 1973

Item	1972	1973	Record	
			Year	Quantity
	Thousand pounds			Thousand pounds
Blocks	3,034	6,122	1955	7,096
Fillets and steaks:				
Cod	1,464	1,042	1954	10,737
Flounder	1,592	3,118	1963	10,459
Haddock	747	774	1950	25,224
Ocean perch	15,927	14,006	1951	71,400
Other	14,373	8,862	-	-
Round, dressed:				
Halibut	14,537	11,480	1962	43,306
Salmon	24,087	37,012	1973	37,012
Whiting	5,748	11,342	1951	45,520
Other fish	72,341	72,459	-	-
Crabs	10,018	11,086	1966	11,273
Lobsters	583	319	1950	1,233
Shrimp	141,368	128,591	1971	146,691
Other shellfish	9,675	9,114	-	-
Bait and animal food	53,451	95,039	1973	95,039
Total fish and shellfish	368,945	410,366	1973	410,366

Note:--Data for freezings of fillets and steaks are not directly comparable with table "Production of Fish Fillets and Steaks" on page 38.

HOLDINGS OF FROZEN FISHERY PRODUCTS, DECEMBER 31, 1972 and 1973

Item	December 31, 1972	December 31, 1973	Record	
			Date	Quantity
	Thousand pounds			Thousand pounds
Blocks:				
Cod	34,686	19,412	Aug. 31, 1972	55,574
Haddock	4,079	9,256	Nov. 30, 1973	10,838
Pollock (Alaska and other)	(1)	19,976	Dec. 31, 1973	19,976
Grated (minced), all species	(1)	8,766	Dec. 31, 1973	8,766
Other	37,050	23,188	-	-
Fillets and steaks:				
Cod	16,235	12,685	Oct. 31, 1972	17,647
Flounder	8,600	15,806	Dec. 31, 1970	16,082
Haddock	9,801	10,595	Oct. 31, 1954	16,217
Ocean perch	17,788	27,272	Nov. 30, 1973	28,600
Other	38,354	35,515	-	-
Fish sticks and portions (cooked and uncooked, all species)	34,446	41,468	Dec. 31, 1973	41,468
Round, dressed:				
Halibut	13,241	12,870	Aug. 31, 1954	31,173
Salmon	20,178	26,615	Sep. 30, 1973	33,813
Trout	2,601	2,010	Jan. 31, 1973	2,668
Whiting	5,016	13,108	Sep. 30, 1951	26,426
Other fish	27,127	41,189	-	-
Crabs	8,851	17,082	Dec. 31, 1973	17,082
Lobsters	8,856	6,482	Oct. 31, 1972	9,599
Shrimp	95,772	83,967	Nov. 30, 1972	97,610
Other shellfish	14,749	19,897	-	-
Bait and animal food	17,662	12,247	May 31, 1973	27,007
Total fish and shellfish	415,092	459,406	Dec. 31, 1973	459,406

1/Not available.

PROCESSED FISHERY PRODUCTS

CANNED PACK

PACK OF CERTAIN CANNED PRODUCTS, 1972 AND 1973

Item	Pounds per case	1972	1973	Record pack	
		- Thousand standard cases -		Year	Thousand standard cases
Tuna	(1)	31,210	31,745	1973	31,745
Salmon	48	2,004	1,422	1936	8,965
Sardines, Maine	23.4	1,562	955	1950	3,844
Mackerel, jack and Pacific	45	306	63	1947	1,755
Crab meat	19.5	147	126	1966	564
Shrimp	6.75	3,525	3,787	1973	3,787
Clams:					
Whole and minced	15	704	946	1973	946
Chowder and juice	30	2,161	2,518	1973	2,518
Oysters	7	400	312	1937	1,519
Animal food and bait	48	13,887	14,574	1973	14,574
Other	Various	1,507	2,335	-	-
Total	-	57,413	58,783	-	-

1/ Solid, 21 pounds; chunk, 19.5 pounds; flakes and grated, 18 pounds.

PRODUCTION OF CANNED FISHERY PRODUCTS, 1961-73

Year	For human consumption		For animal food and bait		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1961	708,707	382,809	334,033	40,027	1,042,740	422,836
1962	757,302	410,183	376,408	46,683	1,133,710	456,866
1963	728,937	381,329	306,972	40,278	1,035,909	421,607
1964	742,114	391,026	353,452	45,634	1,095,566	436,660
1965	749,518	446,833	372,111	48,398	1,121,629	495,231
1966	822,369	507,841	365,178	55,867	1,187,547	563,708
1967	689,739	445,710	499,653	79,853	1,189,392	525,563
1968	782,102	499,923	484,923	84,621	1,267,025	583,908
1969	716,335	493,059	451,946	82,474	1,168,281	575,533
1970	805,178	632,625	540,713	109,135	1,345,891	741,760
1971	816,228	666,239	512,589	104,359	1,328,816	770,597
1972	933,915	857,274	666,598	141,427	1,600,513	998,701
1973	*938,321	*1,006,261	*699,566	*176,619	*1,637,887	*1,182,880

*Record.

PROCESSED FISHERY PRODUCTS

FISH MEAL, OIL, AND SOLUBLES

PRODUCTION OF FISH MEAL, OIL, AND SOLUBLES, 1972 AND 1973

Product	1972	1973	Record	
			Year	Quantity
	- - - - -Thousand tons- - - - -			Thousand tons
Meal:				
Menhaden	193.6	188.8	1961	247.6
Herring, sea	5.5	4.4	1937	30.5
Tuna and mackerel. . . .	43.2	44.0	1973	44.0
Unclassified	43.2	50.6	-	-
Total	285.5	287.8	1962	312.3
	- - - - Thousand pounds - - - -			Thousand pounds
Oil:				
Menhaden	166,956	200,489	1971	244,040
Herring, sea	5,064	1,724	1937	42,172
Tuna and mackerel. . . .	5,030	7,398	1973	7,398
Unclassified	11,395	15,025	-	-
Total	188,445	224,636	1936	299,264
	- - - - - - - Tons - - - - - - -			Tons
Fish solubles.	134,395	137,435	1959	165,359

INDUSTRIAL PRODUCTS

PRODUCTION OF INDUSTRIAL PRODUCTS, 1961-73

Year	Quantity			Value			
	Fish meal	Fish solubles 1/	Marine animal oil	Fish meal, oil, and solubles	Shell products	Other industrial products	Grand total
	Tons	Tons	Thousand pounds	- - - - - - -Thousand dollars- - - - - - -			
1961. . .	311,265	112,254	258,118	51,781	9,362	13,426	74,569
1962. . .	*312,259	124,649	250,075	53,210	8,557	13,911	75,678
1963. . .	255,907	107,402	185,827	47,842	7,000	13,759	68,601
1964. . .	235,252	93,296	180,198	46,998	6,192	16,721	69,911
1965. . .	254,051	94,840	195,440	56,498	5,576	20,756	82,830
1966. . .	223,821	83,441	164,045	49,916	5,131	17,925	72,972
1967. . .	211,189	74,675	122,398	36,738	4,933	19,356	61,027
1968. . .	235,136	71,833	174,072	41,294	4,651	24,182	70,127
1969. . .	252,664	81,692	169,785	53,272	4,170	25,563	83,005
1970. . .	269,197	94,968	206,084	69,485	3,409	26,646	99,540
1971. . .	292,812	111,188	265,450	70,377	4,128	32,046	106,551
1972. . .	285,506	134,395	188,445	67,133	4,210	*84,639	155,982
1973. . .	287,771	137,435	224,636	*159,402	4,015	37,688	*201,105

1/ Includes homogenized condensed fish for 1961-63. *Record (fish solubles production: 165,359 tons in 1959; marine animal oil production: 299.3 million pounds in 1936; shell products value: $17,253,000 in 1950).

FOREIGN TRADE

U.S. IMPORTS

IMPORTS OF FISHERY PRODUCTS, 1960-73

Year	Edible		Nonedible	Total
	Thousand pounds	Thousand dollars	Thousand dollars	
1960	1,095,014	310,596	52,685	363,281
1961	1,087,175	339,318	61,301	400,619
1962	1,255,532	405,832	83,975	489,807
1963	1,196,977	399,928	100,784	500,712
1964	1,318,099	433,674	130,569	564,243
1965	1,398,778	479,412	121,492	600,904
1966	1,593,714	568,091	151,611	719,702
1967	1,470,437	538,301	169,582	707,883
1968	1,741,365	643,165	179,504	822,669
1969	1,706,571	704,809	139,484	844,293
1970	1,873,300	812,530	224,880	1,037,410
1971	1,785,470	887,070	187,131	1,074,201
1972	2,341,138	1,233,292	*261,103	1,494,395
1973	*2,397,047	*1,394,027	184,636	*1,578,663

*Record. Source:--Department of Commerce, Bureau of the Census.

IMPORTS: VALUE, DUTIES COLLECTED, AND AD VALOREM EQUIVALENT, 1960-73

Year	Value		Duties collected		Average ad valorem equivalent	
	Fishery imports	All imports	Fishery imports	All imports	Fishery imports	All imports
	Thousand dollars				Percent	
1960	363,281	14,650,000	15,857	1,084,000	4.4	7.4
1961	400,619	14,657,000	16,904	1,057,000	4.2	7.2
1962	489,807	16,241,000	17,910	1,220,000	3.7	7.5
1963	500,712	17,014,000	17,660	1,236,000	3.5	7.3
1964	564,243	18,600,300	22,035	1,583,000	3.9	8.5
1965	600,904	21,281,800	22,595	1,639,921	3.8	7.7
1966	719,702	25,360,330	24,812	1,919,514	3.4	7.6
1967	707,883	26,733,200	24,709	2,016,400	3.5	7.5
1968	822,669	32,991,700	25,455	2,341,100	3.1	7.1
1969	844,293	35,870,400	25,421	2,551,200	3.0	7.1
1970	1,037,410	39,767,700	25,175	2,584,100	2.4	6.5
1971	1,074,201	45,545,900	1/22,455	1/2,768,000	2.1	6.1
1972	1,494,395	55,555,300	24,292	3,124,000	1.6	5.6
1973	1,578,663	68,655,100	24,879	3,459,000	1.6	5.0

1/ These calculated duties do not include the temporary surcharge imposed by the President under Proclamation No. 4074, effective August 16, 1971 and terminating on December 20, 1971.

Source:--Department of Commerce, Bureau of the Census.

U.S. IMPORTS

IMPORTS OF FISHERY PRODUCTS, 1972 AND 1973

Item	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Edible fishery products:				
Fresh and frozen:				
Fillets:				
Groundfish	213,255	105,324	220,096	135,284
Other	171,872	92,514	199,567	122,326
Total	385,127	197,838	419,663	257,610
Blocks and slabs	355,459	140,978	358,730	178,201
Halibut	16,731	10,792	12,619	10,118
Salmon	18,696	11,941	18,237	16,534
Tuna:				
Albacore	263,064	95,132	278,446	101,393
Other	446,235	94,748	469,600	104,742
Loins and discs	8,395	6,489	6,052	6,109
Scallops (meat)	20,820	36,194	19,833	33,625
Lobsters:				
American (includes fresh-cooked meat)	16,229	25,863	15,529	25,395
Spiny	43,009	127,490	38,733	122,480
Shrimp (mostly frozen, some canned and dried)	223,226	250,331	202,605	281,587
Canned:				
Salmon	11,647	8,039	7,859	6,197
Sardines:				
In oil	41,544	22,803	36,089	23,375
Not in oil	28,671	9,559	31,330	10,797
Tuna:				
In oil	384	346	244	261
Not in oil	56,129	48,714	38,382	34,253
Bonito and yellowtail:				
In oil	2,638	947	544	305
Not in oil	1,094	469	895	455
Crab meat	2,547	4,422	1,956	3,193
Lobsters:				
American	2,162	8,995	1,650	7,687
Spiny	95	237	134	286
Oysters (mostly canned)	20,848	13,763	19,850	11,628
Other	376,388	117,202	418,067	157,796
Total edible fishery products	2,341,138	1,233,292	2,397,047	1,394,027
Nonedible fishery products:				
Scrap and meal	783,910	51,627	136,992	14,286
Solubles	686	36	1,439	80
Whale oil, sperm	5,061	734	-	-
Other	-	208,706	-	170,270
Total nonedible fishery products	-	261,103	-	184,636
Grand total	-	1,494,395	-	1,578,663

Note:--The data include imports into U.S. territories and possessions and landings of tuna by foreign vessels in American Samoa.

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. IMPORTS

IMPORTS OF EDIBLE FISHERY PRODUCTS, BY CONTINENT AND COUNTRY OF ORIGIN, 1972 AND 1973

Continent and country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
North America:				
Canada	551,666	257,708	520,914	299,394
Mexico	133,684	104,308	106,540	127,985
Panama	17,966	15,505	26,163	20,623
Nicaragua	7,195	10,084	7,528	10,697
Greenland	14,044	5,569	12,834	8,057
El Salvador	5,745	6,796	5,918	8,011
Other	36,098	27,340	51,627	36,844
Total	766,398	427,310	731,524	511,611
South America:				
Brazil	26,917	28,958	24,400	29,635
Ecuador	23,534	14,940	24,451	16,231
Guyana	6,982	10,934	10,458	15,709
Venezuela	16,906	16,005	12,110	14,598
Colombia	6,702	8,641	7,241	10,051
Other	56,912	34,890	81,219	30,605
Total	137,953	114,368	159,879	116,829
Europe:				
Iceland	111,682	58,234	115,408	72,569
Norway	128,483	60,711	106,565	60,736
Denmark	94,728	44,980	83,838	50,815
United Kingdom	30,984	19,270	35,078	24,169
Spain	35,246	16,786	19,225	13,669
Portugal	15,092	9,220	19,374	11,702
Netherlands	12,981	8,277	11,145	10,657
Poland	12,782	5,506	10,439	5,416
Other	58,411	4,033	46,535	15,458
Total	500,389	227,017	447,607	265,191
Asia:				
Japan	524,317	215,929	605,128	234,846
China, Republic of (Taiwan)	31,694	17,558	44,999	24,176
India	37,176	32,195	25,316	22,746
Korea, Republic of	18,515	8,293	24,637	11,113
Philippines	7,461	2,944	24,314	8,341
Malaysia	16,051	7,115	11,700	6,679
Other	33,419	31,936	56,074	40,587
Total	668,633	315,970	792,168	348,488
Australia and Oceania:				
Australia	20,621	50,861	19,603	43,980
New Zealand	5,268	13,557	5,311	13,268
British Pacific Islands	22,510	8,813	20,648	9,511
Other	24,841	9,170	31,616	10,815
Total	73,240	82,401	77,178	77,574
Africa:				
South Africa, Republic of	56,476	30,488	66,016	35,493
Mauritius	8,599	3,381	13,575	6,853
Malagasy Republic	5,949	2,576	15,824	5,185
Canary Islands	14,924	5,050	8,146	3,715
Ghana	7,809	1,500	21,428	3,620
Other	100,768	23,231	63,702	19,468
Total	194,525	66,226	188,691	74,334
Grand Total	2,341,138	1,233,292	2,397,047	1,394,027

Source:--Department of Commerce, Bureau of the Census.

U.S. IMPORTS

IMPORTS OF FISH BLOCKS AND SLABS, BY SPECIES, 1972 AND 1973

Species	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Cod	207,537	87,258	154,947	87,267
Flatfish	17,615	9,116	24,956	14,007
Haddock	25,905	12,306	27,128	16,955
Pollock	54,907	15,391	103,902	39,148
Other	49,495	16,907	47,797	20,824
Total	355,459	140,978	358,730	178,201

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH BLOCKS AND SLABS, BY COUNTRY OF ORIGIN, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	41,276	12,016	82,340	32,622
Iceland	61,569	25,133	66,523	38,867
Canada	73,355	32,979	63,972	37,363
Denmark	56,932	23,647	49,348	27,104
Norway	61,813	23,333	45,669	20,561
United Kingdom	11,169	4,561	11,808	5,944
Greenland	12,982	5,043	11,765	7,490
Other	36,363	14,266	27,305	8,250
Total	355,459	140,978	358,730	178,201

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF GROUNDFISH FILLETS AND STEAKS, BY SPECIES, 1972 AND 1973 1/

Species	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Cod	98,989	53,193	82,971	56,368
Haddock 2/	42,539	23,321	48,696	30,654
Ocean perch, Atlantic	71,727	28,810	88,429	48,262
Total	213,255	105,324	220,096	135,284

1/ Does not include data on fish blocks and slabs. 2/ Includes some quantities of cusk, hake, and pollock fillets.
Source:--Department of Commerce, Bureau of the Census.

U.S. IMPORTS

QUOTA AND IMPORTS OF GROUNDFISH FILLETS AND STEAKS, 1961-73 1/

Year	Quota 2/	Imports	
		Under quota 3/	Over quota 4/
	Thousand pounds		
1961	32,601	32,601	43,890
1962	28,571	28,571	49,307
1963	24,875	24,875	53,623
1964	24,862	24,862	55,542
1965	24,384	24,384	55,763
1966	23,591	23,591	84,933
1967	24,883	24,883	69,180
1968	24,895	24,895	104,255
1969	26,466	26,466	133,514
1970	27,401	27,401	158,706
1971	30,329	30,329	141,123
1972	31,832	31,832	181,423
1973	34,125	34,125	185,971

1/ Includes Atlantic ocean perch. 2/ Limited to 15 million pounds or 15 percent of the average apparent annual U.S. consumption during the three immediately preceding calendar years, whichever is the greater. 3/ Dutiable at 1.875 cents per pound. 4/ Dutiable at 2.5 cents per pound.
Source:--Data on import quotas and imports under quota from Department of Treasury, Bureau of Customs. Imports over quota calculated from imports reported by Department of Commerce, Bureau of the Census.

QUOTA AND IMPORTS OF CANNED TUNA NOT IN OIL, 1961-73

Year	Quota 1/	Imports	
		Under quota 2/	Over quota 3/
	Thousand pounds		
1961	57,115	56,210	-
1962	59,059	54,379	-
1963	63,131	56,414	-
1964	60,912	52,931	-
1965	66,059	49,204	-
1966	65,662	57,987	-
1967	69,472	62,275	-
1968	66,985	64,907	-
1969	71,703	71,333	-
1970	70,146	70,146	902
1971	77,296	55,638	-
1972	78,532	54,474	-
1973	109,809	36,973	-

1/ Imports have been subject to tariff quotas since April 14, 1956, and are based on 20 percent of the previous year's domestic pack excluding American Samoa. 2/ Dutiable in 1956-67 at 12.5 percent ad valorem; 1968, 11 percent; 1969, 10 percent; 1970, 8.5 percent; 1971, 7 percent; and in 1972-73, 6 percent. 3/ Dutiable in 1970 at 17 percent ad valorem; 1971, 15 percent; and 1972-73, 12.5 percent ad valorem.
Source:--Department of the Treasury, Bureau of Customs. (Data in this table will not agree with tuna import data released by the Department of Commerce, Bureau of the Census.)

U.S. IMPORTS

IMPORTS OF SHRIMP, BY COUNTRY OF ORIGIN, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
North America:				
Mexico	80,681	86,471	76,105	111,008
Panama	10,105	13,287	10,382	16,751
Nicaragua	6,605	9,097	6,115	8,999
El Salvador	5,735	6,766	5,880	7,997
Honduras	4,811	5,019	3,443	5,004
Guatemala	1,311	2,270	3,009	4,359
Costa Rica	1,829	2,112	2,393	3,361
Trinidad and Tobago	2,091	2,101	1,529	2,886
Barbados	-	-	234	577
Belize (British Honduras)	26	30	563	568
Other	955	938	579	649
Total	114,149	128,091	110,232	162,159
South America:				
Guyana	6,906	10,196	10,062	15,460
Ecuador	6,935	10,354	7,500	11,174
Venezuela	7,995	11,275	5,714	9,719
Colombia	5,979	7,794	6,032	9,370
French Guiana	3,622	5,671	3,920	6,418
Brazil	8,931	9,520	4,263	5,763
Surinam	2,133	2,364	1,852	2,814
Peru	904	954	916	897
Chile	226	365	52	104
Argentina	207	296	50	79
Other	45	58	-	-
Total	43,883	58,847	40,361	61,798
Europe:				
Spain	515	1,116	413	1,026
Netherlands	56	65	277	354
Sweden	399	502	250	286
United Kingdom	131	115	78	124
France	-	-	31	63
Denmark	76	130	19	46
Norway	14	39	14	38
Austria	4	6	41	36
Other	30	40	15	26
Total	1,225	2,013	1,138	1,999
Asia:				
India	33,524	27,762	20,553	17,419
China, Republic of (Taiwan)	6,021	5,587	5,374	5,396
Thailand	3,978	4,817	2,912	3,794
Indonesia	2,441	2,308	2,497	2,711
Bangladesh	733	984	1,204	1,909
Malaysia	2,294	2,204	1,935	1,861
Pakistan	2,636	2,865	1,350	1,584
Other	8,358	8,158	11,040	14,180
Total	59,985	54,685	46,865	48,854
Australia and Oceania	1,497	3,392	612	1,662
Africa	2,487	3,303	3,397	5,115
Grand total	223,226	250,331	202,605	281,587

Source:--U.S. Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. IMPORTS

IMPORTS OF SHRIMP BY PRODUCT TYPES, 1972 AND 1973

Item	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Shell-on (headless)	126,771	151,906	123,256	178,668
Peeled:				
Canned	1,123	1,118	3,027	3,149
Not breaded:				
Raw	90,143	91,753	71,419	93,466
Other	3,866	4,033	3,925	5,010
Breaded	1,323	1,521	978	1,294
Total	223,226	250,331	202,605	281,587

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH MEAL AND SCRAP BY COUNTRY OF ORIGIN, 1972 AND 1973

Country	1972		1973	
	Tons	Thousand dollars	Tons	Thousand dollars
Peru	352,253	45,693	41,759	7,441
Canada	27,567	4,018	24,562	6,043
Norway	10,486	1,618	-	-
Other countries	1,649	298	2,175	802
Total	391,955	51,627	68,496	14,286

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH SOLUBLES BY COUNTRY OF ORIGIN, 1972 AND 1973

Country	1972		1973	
	Tons	Thousand dollars	Tons	Thousand dollars
Canada	341	33	719	80
West Germany	2	3	-	-
Total	343	36	719	80

Note:--Includes cod-liver solubles and fish solubles, not fit for human consumption.

Source:--Department of Commerce, Bureau of the Census.

U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1961-73

Year	Edible		Nonedible	Total
	Thousand pounds	Thousand dollars	Thousand dollars	Thousand dollars
1961	40,137	19,594	15,116	34,710
1962	56,530	22,470	13,258	35,728
1963	64,745	30,376	26,229	56,605
1964	94,835	42,878	21,326	64,204
1965	96,444	49,308	20,175	69,483
1966	109,604	62,882	21,931	84,813
1967	107,940	67,524	14,685	82,209
1968	90,808	56,845	10,912	67,757
1969	140,646	86,474	18,059	104,533
1970	140,375	93,878	23,606	117,484
1971	171,816	113,637	25,608	139,245
1972	171,642	134,188	23,720	157,908
1973	238,942	241,866	57,302	*299,168

*Record. Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF SELECTED DOMESTIC FISHERY PRODUCTS, 1972 AND 1973

Item	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fresh and frozen:				
Salmon	34,685	28,451	60,742	59,641
Shrimp	28,984	32,334	37,434	52,470
Canned:				
Mackerel	65	13	248	46
Salmon	21,358	20,898	16,941	26,813
Sardines	3,030	1,419	1,740	1,051
Shrimp	8,450	10,729	9,949	14,472
Squid	10,560	1,411	8,167	1,341
Fish oils, unclassified	193,198	15,276	247,793	33,945

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1973

Country	Edible		Nonedible	Total
	Thousand pounds		Thousand dollars	
North America:				
Canada	38,415	36,645	3,734	40,379
Mexico	10,674	9,313	276	9,589
Bahamas	1,224	1,238	7	1,245
Bermuda	933	937	4	941
Jamaica	871	745	26	771
Netherlands Antilles	482	525	7	532
Panama	403	293	5	298
Dominican Republic	345	163	64	227
Leeward and Windward Islands	546	209	(1)	209
Barbados	88	104	3	107
Guatemala	21	42	2	44
Belize (British Honduras)	32	41	-	41
Honduras	65	20	2	22
Trinidad	18	21	1	22
El Salvador	9	11	-	11
Nicaragua	11	9	2	11
French West Indies	5	5	-	5
Haiti	5	5	-	5
Costa Rica	1	3	-	3
Total	54,147	50,329	4,133	54,462
South America:				
Colombia	5	5	1,735	1,740
Venezuela	206	282	80	362
Guyana	82	127	-	127
Brazil	23	19	15	34
Peru	-	6	2	8
Chile	1	1	1	2
Argentina	4	2	2	4
Surinam	2	2	-	2
Uruguay	-	-	4	4
Ecuador	-	-	3	3
Bolivia	3	2	-	2
Paraguay	3	1	-	1
French Guiana	(1)	-	1	1
Total	335	448	1,843	2,291
Europe:				
United Kingdom	25,425	35,435	7,360	42,795
Netherlands	8,833	6,214	19,919	26,133
Sweden	11,813	14,262	4,095	18,357
France	11,726	12,746	387	13,133
West Germany	8,129	3,639	8,187	11,826
Belgium and Luxembourg	5,770	7,421	447	7,868
Switzerland	1,433	1,467	4,729	6,196
Denmark	3,024	3,861	12	3,873
Italy	1,326	895	803	1,698
Norway	987	1,569	9	1,578
Greece	4,910	1,013	15	1,028
Spain	900	580	284	864
Finland	140	123	-	123
Portugal	96	44	3	47
Ireland	31	42	-	42

(Continued on next page)

U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1973 - Continued

Country	Edible		Nonedible	Total
	Thousand pounds	Thousand dollars		
Europe - continued:				
Iceland	183	33	-	33
Austria	1	3	20	23
Turkey	7	5	-	5
Cyprus	1	4	-	4
U.S.S.R.	(1)	1	-	1
Total	84,735	89,357	46,270	135,627
Asia:				
Japan	75,853	91,113	1,958	93,071
Hong Kong	12,398	3,239	20	3,259
Iran	9	7	1,255	1,262
Korea, Republic of	4,745	960	100	1,060
Lebanon	438	315	436	751
China, Republic of (Taiwan)	280	375	5	380
Indonesia	103	133	-	133
Israel	64	43	-	43
Saudi Arabia	33	42	-	42
Philippines	3	6	11	17
Bahrain	10	15	-	15
South Vietnam	10	11	-	11
India	5	11	-	11
Cambodia (Khmer Republic)	18	9	-	9
Qatar	2	7	-	7
Singapore	3	2	2	4
Kuwait	1	1	1	2
Malaysia	1	1	-	1
Total	93,976	96,290	3,788	100,078
Australia and Oceania:				
Australia	3,816	3,744	166	3,910
New Zealand	1,106	904	5	909
French Pacific Islands	158	232	-	232
Trust Territory of Pacific Islands	103	79	-	79
New Guinea	12	16	1	17
Total	5,195	4,975	172	5,147
Africa:				
Ghana	3	4	564	568
Egypt	-	13	529	542
Canary Islands	184	185	15	200
South Africa, Republic of	99	171	7	178
Morocco	32	51	5	56
Liberia	26	24	-	24
Guinea	134	23	-	23
Libya	18	22	-	22
Nigeria	23	16	-	16
Kenya	3	6	-	6
Seychelles	1	1	-	1
Mozambique	(1)	1	-	1
Total	523	517	1,120	1,637
Grand total	238,942	241,866	57,302	299,168

1/ Less than 500 pounds. Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. EXPORTS

EXPORTS OF DOMESTIC AND FOREIGN SHRIMP PRODUCTS, 1972 AND 1973

Item	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fresh and frozen:				
Domestic	28,984	32,334	37,434	52,470
Foreign	6,095	9,924	10,212	19,963
Total	35,079	42,258	47,646	72,433
Canned:				
Domestic	8,450	10,729	9,949	14,472
Foreign	8	10	42	57
Total	8,458	10,739	9,991	14,529
Total:				
Domestic	37,434	43,063	47,383	66,942
Foreign	6,103	9,934	10,254	20,020
Total	43,537	52,997	57,637	86,962

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC FRESH AND FROZEN SHRIMP, BY COUNTRY OF DESTINATION, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	2,625	4,284	8,426	15,180
Canada	7,748	10,137	8,048	11,927
Mexico	10,072	8,329	9,372	8,761
Sweden	4,096	4,062	5,425	7,397
United Kingdom	1,977	2,378	2,009	2,805
Denmark	1,126	1,281	1,746	2,626
Norway	37	35	665	1,149
Bahamas	272	433	322	521
West Germany	135	172	236	348
Other countries	896	1,223	1,185	1,756
Total	28,984	32,334	37,434	52,470

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED SHRIMP, BY COUNTRY OF DESTINATION, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	4,956	6,567	6,200	8,386
United Kingdom	1,651	1,828	1,141	1,798
Japan	152	146	975	1,346
Switzerland	286	406	410	752
Sweden	311	394	232	493
Australia	190	198	246	409
France	439	583	205	391
New Zealand	123	143	202	310
Other countries	342	464	338	587
Total	8,450	10,729	9,949	14,472

Source:--Department of Commerce, Bureau of the Census.

U.S. EXPORTS

EXPORTS OF DOMESTIC FRESH AND FROZEN SALMON, BY COUNTRY OF DESTINATION, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	3,485	1,728	27,567	26,776
France	10,608	10,065	9,477	9,799
United Kingdom	6,232	5,666	6,603	7,676
Canada	2,697	1,664	4,664	4,070
Sweden	6,302	4,703	4,106	4,067
Belgium	1,502	1,371	2,412	2,459
Netherlands	802	748	1,800	1,300
West Germany	770	680	1,257	987
Denmark	544	445	911	827
Italy	162	178	616	419
Australia	312	180	292	320
Lebanon	72	67	117	200
Other countries	1,197	956	920	741
Total	34,685	28,451	60,742	59,641

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED SARDINES, BY COUNTRY OF DESTINATION, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	2,191	1,122	898	494
Mexico	108	22	431	126
West Germany	-	-	68	123
United Kingdom	-	-	71	114
Sweden	-	-	126	110
Other countries	731	275	146	84
Total	3,030	1,419	1,740	1,051

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED MACKEREL, BY COUNTRY OF DESTINATION, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	-	-	144	29
Canada	25	5	86	13
Trust Territory of the Pacific Islands	-	-	8	2
Other countries	40	8	10	2
Total	65	13	248	46

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. EXPORTS

EXPORTS OF DOMESTIC CANNED SQUID, BY COUNTRY OF DESTINATION, 1972 AND 1973

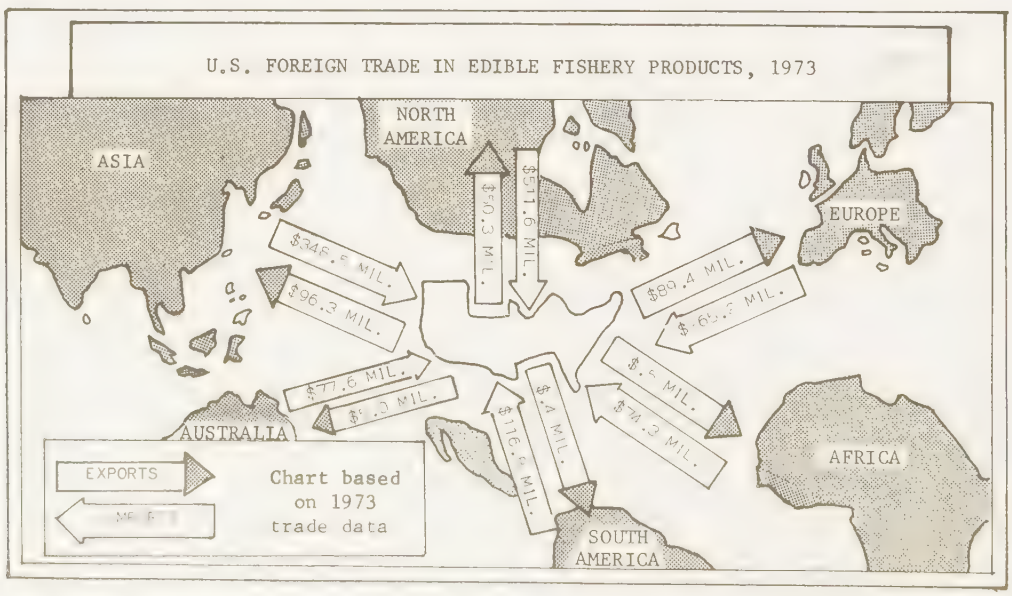
Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Philippines	4,859	639	3,357	589
Greece	4,972	687	3,137	570
New Zealand	-	-	434	46
West Germany	192	22	314	37
Japan	-	-	212	22
France	-	-	161	17
Other countries	537	63	552	60
Total	10,560	1,411	8,167	1,341

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC FISH AND FISH LIVER OILS, BY COUNTRY OF DESTINATION, 1972 AND 1973

Country	1972		1973	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Netherlands	82,220	6,555	146,387	19,895
Colombia	-	-	10,667	1,735
United Kingdom	11	14	41,388	666
West Germany	26,250	2,408	5,522	601
Lebanon	1,212	109	2,583	436
Canada	2,578	215	1,181	143
Australia	535	73	583	94
Other countries	80,392	5,902	39,482	10,375
Total	193,198	15,276	247,793	33,945

Source:--Department of Commerce, Bureau of the Census.



SUPPLY OF EDIBLE AND INDUSTRIAL COMMERCIAL FISHERY PRODUCTS, 1961-73
(Round weight basis)

Year	Domestic commercial landings		Imports 1/		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1961	5,187	54.2	4,383	45.8	9,570
1962	*5,354	51.4	5,054	48.6	10,408
1963	4,847	42.4	6,587	57.6	11,434
1964	4,541	37.7	7,490	62.3	12,031
1965	4,777	45.3	5,758	54.7	10,535
1966	4,366	35.0	8,103	65.0	12,469
1967	4,055	29.0	9,936	71.0	13,991
1968	4,160	23.9	*13,221	76.1	*17,381
1969	4,337	36.6	7,510	63.4	11,847
1970	4,917	42.9	6,557	57.1	11,474
1971	4,969	42.3	6,786	57.7	11,755
1972	4,710	34.2	9,043	65.8	13,753
1973	4,732	46.2	5,520	53.8	10,252

1/ Excludes imports of cured cod into Puerto Rico, but includes landings of foreign-caught tuna in American Samoa. *Record.

SUPPLY OF EDIBLE COMMERCIAL FISHERY PRODUCTS, 1961-73
(Round weight basis)

Year	Domestic commercial landings		Imports 1/		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1961	2,490	57.4	1,845	42.6	4,335
1962	2,540	54.6	2,115	45.4	4,655
1963	2,556	53.2	2,247	46.8	4,803
1964	2,497	51.2	2,376	48.8	4,873
1965	2,587	50.1	2,576	49.9	5,163
1966	2,573	47.4	2,859	52.6	5,432
1967	2,368	48.8	2,481	51.2	4,849
1968	2,347	42.1	3,232	57.9	5,579
1969	2,321	40.9	3,353	59.1	5,674
1970	2,537	40.8	3,676	59.2	6,213
1971	2,400	40.1	3,582	59.9	5,982
1972	2,310	34.2	4,454	65.8	6,764
1973	2,328	33.1	*4,709	66.9	*7,037

1/ Excludes imports of cured cod into Puerto Rico, but includes landings of foreign-caught tuna in American Samoa. *Record. (Record U.S. landings of edible fishery products amounting to 3,307 million pounds were made in 1950.)

SUPPLY OF INDUSTRIAL COMMERCIAL FISHERY PRODUCTS, 1961-73
(Round weight basis)

Year	Domestic commercial landings		Imports		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1961	2,697	51.5	2,538	48.5	5,235
1962	*2,814	48.9	2,939	51.1	5,753
1963	2,291	34.5	4,340	65.5	6,631
1964	2,044	28.6	5,114	71.4	7,158
1965	2,190	40.8	3,182	59.2	5,372
1966	1,793	25.5	5,244	74.5	7,037
1967	1,687	18.5	7,455	81.5	9,142
1968	1,813	15.4	*9,989	84.6	*11,802
1969	2,016	32.7	4,157	67.3	6,173
1970	2,380	45.2	2,881	54.8	5,261
1971	2,569	44.5	3,204	55.5	5,773
1972	2,400	34.3	4,589	65.7	6,989
1973	2,404	74.8	811	25.2	3,215

*Record.
Note:--The weights of U.S. landings and imports represent the round (live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.) which are shown in weight of meats, excluding the shell.

SUPPLY OF FISHERY PRODUCTS

SUPPLY OF COMMERCIAL FISHERY PRODUCTS, 1972 AND 1973

Item	Domestic commercial landings		Imports 1/		Total	
	1972	1973	1972	1973	1972	1973
	-Million pounds, round weight-					
Edible fishery products:						
Finfish	1,432	1,434	3,751	4,101	5,183	5,535
Shellfish	878	894	703	608	1,581	1,502
Total	2,310	2,328	4,454	4,709	6,764	7,037
Industrial fishery products:						
Finfish	2,383	2,391	2/ 4,589	2/ 811	6,972	3,202
Shellfish	17	13	(3)	(3)	17	13
Total	2,400	2,404	2/ 4,589	2/ 811	6,989	3,215
Total:						
Finfish	3,815	3,825	8,340	4,912	12,155	8,737
Shellfish	895	907	703	608	1,598	1,515
Total	4,710	4,732	9,043	5,520	13,753	10,252

Item	Domestic commercial landings		Imports 1/		Total	
	1972	1973	1972	1973	1972	1973
	-Million dollars-					
Edible fishery products:						
Finfish	278	365	731	862	1,009	1,227
Shellfish	380	451	398	432	778	883
Total	658	816	1,129	1,294	1,787	2,110
Industrial fishery products:						
Finfish	40	87	261	185	301	272
Shellfish	6	4	(3)	(3)	6	4
Total	46	91	261	185	307	276
Total:						
Finfish	318	452	992	1,047	1,310	1,499
Shellfish	386	455	398	432	784	887
Total	704	907	1,390	1,479	2,094	2,386

1/ Excludes imports of edible fishery products consumed in Puerto Rico, but includes landings of foreign-caught tuna in American Samoa.
2/ Includes only fish meal and sea herring for industrial purposes.
3/ Not available.
Note:--Value of domestic commercial landings is exvessel value. Value of imports generally is export value, packed ready for shipment to the United States.

SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 1961-73 1/

Year	U.S. production		Imports		Total
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds
1961	93,039	32.3	195,099	67.7	288,138
1962	93,625	29.7	221,420	70.3	315,045
1963	83,419	26.5	231,768	73.5	315,187
1964	75,166	23.4	246,569	76.6	321,735
1965	77,180	20.7	294,954	79.3	372,134
1966	75,418	19.3	315,097	80.7	390.515
1967	71,034	20.0	283,567	80.0	354,601
1968	55,349	12.4	390,236	87.6	445,585
1969	47,269	10.0	426,728	90.0	473,997
1970	42,894	8.6	458,762	91.4	501,656
1971	43,808	8.3	482,618	91.7	526,426
1972	39,266	6.5	568,714	93.5	607,980
1973	46,685	7.5	*578,826	92.5	*625,511

1/ Includes Atlantic ocean perch and includes blocks and slabs.
*Record. Record U.S. production, 148,786,000 pounds in 1951.

SUPPLY OF FILLETS AND STEAKS, OTHER THAN GROUNDFISH, 1961-73

Year	U.S. production		Imports		Total
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds
1961	65,073	49.2	67,167	50.8	132,240
1962	76,361	50.0	76,443	50.0	152,804
1963	82,565	54.5	68,869	45.5	151,434
1964	85,955	53.9	73,554	46.1	159,509
1965	*91,652	55.1	74,724	44.9	166,376
1966	90,472	49.4	92,708	50.6	183,180
1967	81,961	49.1	84,862	50.9	166,823
1968	80,163	42.3	109,163	57.7	189,326
1969	90,344	42.9	120,434	57.1	210,778
1970	90,614	40.0	136,102	60.0	226,716
1971	84,584	42.5	114,289	57.5	198,873
1972	87,377	33.7	171,872	66.3	259,249
1973	83,177	29.4	*199,567	70.6	*282,744

*Record.

SUPPLY OF FISHERY PRODUCTS

COMMERCIAL LANDINGS AND IMPORTS OF TUNA, 1963-73

Year	Domestic commercial landings			Imports		
	Atlantic, Gulf, Pacific Coast States, and Hawaii	Puerto Rico	Total	Fresh and frozen including cooked loins and discs 1/	Canned	
					In oil	In brine
	- - - - - - - - - - - - - - - - - - Thousand pounds - - - - - - - - - - - - - - - - - -					
1963.	321,619	37,026	358,645	320,910	224	57,270
1964.	305,829	48,393	354,222	379,242	201	54,446
1965.	318,895	54,576	373,471	378,637	211	50,750
1966.	269,172	64,698	333,870	449,840	160	61,400
1967.	328,368	97,882	426,250	387,142	186	65,135
1968.	293,868	107,660	401,528	422,108	150	67,023
1969.	324,884	96,268	421,152	414,453	158	* 72,958
1970.	*393,494	2/84,852	478,346	464,583	153	72,109
1971.	348,040	2/128,770	476,810	506,602	1,050	58,792
1972.	377,569	2/147,668	*525,237	764,784	384	56,129
1973.	342,091	*172,492	514,583	*826,438	244	38,382

*Record. 1/ Round weight. Includes landings in American Samoa of foreign-caught fish. 2/ Includes a small quantity of fish landed in American Samoa by U.S. vessels.

SUPPLY OF CANNED TUNA, 1963-73

Year	U.S. pack from domestic commercial landings 1/		U.S. pack from imported fresh and frozen tuna 2/		Total	Imported canned		Total supply
	Thousand pounds	Percent	Thousand pounds	Percent	- Thousand pounds -		Percent	Thousand pounds
1963.	160,822	41.8	165,890	43.2	326,712	57,494	15.0	384,206
1964.	154,208	38.1	195,626	48.4	349,834	54,647	13.5	404,481
1965.	161,515	39.5	196,890	48.1	358,405	50,961	12.4	409,366
1966.	153,231	33.6	241,037	52.9	394,268	61,560	13.5	455,828
1967.	183,236	40.3	205,609	45.3	388,845	65,321	14.4	454,166
1968.	176,524	38.1	219,433	47.4	395,957	67,173	14.5	463,130
1969.	181,786	38.6	216,651	45.9	398,437	* 73,116	15.5	471,553
1970.	203,531	39.9	234,109	45.9	437,640	72,262	14.2	509,902
1971.	194,967	39.1	243,774	48.9	438,741	59,842	12.0	498,583
1972.	*231,762	34.3	388,034	57.4	619,796	56,513	8.3	*676,309
1973.	223,998	33.5	*404,923	60.7	*628,921	38,626	5.8	667,547

*Record. 1/ Includes pack from landings in Puerto Rico and American Samoa by U.S. vessels. 2/ Includes tuna canned in American Samoa from foreign-caught fish.

SUPPLY OF CANNED BONITO AND YELLOWTAIL, 1963-73

Year	U.S. pack		Imports				Total supply
			In oil	In brine	Total		
	Thousand pounds	Percent	- - - Thousand pounds - - -			Percent	Thousand pounds
1963.	1,387	19.1	3,480	2,385	5,865	80.9	7,252
1964.	467	8.6	3,050	1,940	4,990	91.4	5,457
1965.	944	19.4	2,044	1,888	3,932	80.6	4,876
1966.	4,426	60.8	1,534	1,320	2,854	39.2	7,280
1967.	5,996	78.6	558	1,075	1,633	21.4	7,629
1968.	4,202	82.5	547	346	893	17.5	5,095
1969.	4,948	87.3	354	364	718	12.7	5,666
1970.	2,815	69.6	830	402	1,232	30.4	4,047
1971.	5,553	68.7	1,858	667	2,525	31.3	8,078
1972.	6,633	64.0	2,638	1,094	3,732	36.0	10,365
1973.	10,571	88.0	544	895	1,439	12.0	12,010

SUPPLY OF CANNED SARDINES, 1961-73

Year	U.S. production		Imports		Exports		Total for U.S. consumption
	Maine	Pacific	In oil	Not in oil	In oil	Not in oil	
	Thousand pounds						
1961.	17,635	18,859	27,877	14,611	185	7,475	71,322
1962.	50,248	6,168	32,603	20,342	578	7,188	101,595
1963.	37,890	2,568	19,908	21,640	146	3,493	78,367
1964.	20,259	5,438	20,033	24,602	839	2,426	67,067
1965.	29,646	374	21,532	23,538	(1)	3,376	71,714
1966.	31,118	116	23,601	33,987	(1)	3,557	85,265
1967.	29,260	(2)	25,494	26,945	(1)	1,373	80,326
1968.	40,489	(2)	28,436	30,431	(1)	3,033	96,323
1969.	24,401	-	27,220	18,147	(1)	2,095	67,673
1970.	18,872	-	34,070	12,838	(1)	1,456	64,324
1971.	22,249	-	31,034	18,985	(1)	890	71,378
1972.	36,540	-	41,544	28,671	(1)	3,030	103,725
1973.	23,284	-	36,089	31,330	(1)	1,740	88,963

1/ Data on the pack in oil have been included with the pack not in oil. 2/ Data not available.
Note:--Does not include exports of foreign merchandise.

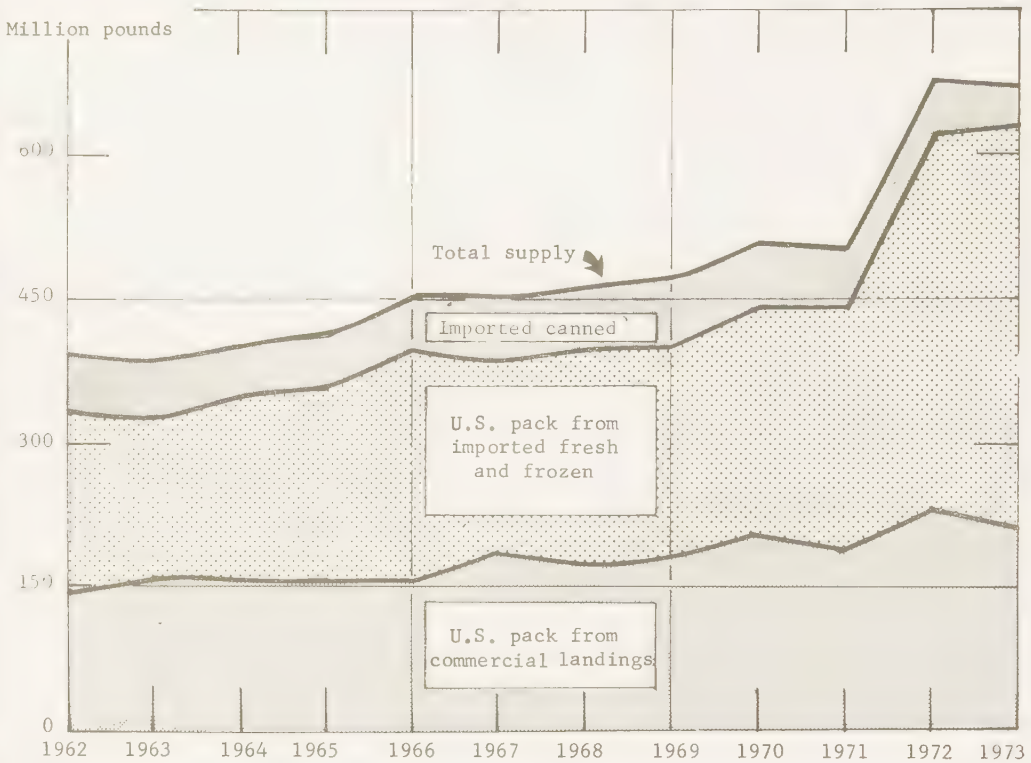
SUPPLY OF CANNED SALMON, 1961-73

Year	U.S. pack 1/	Percent of total supply	Imports	Percent of total supply	Total supply	Exports	Total for U.S. consumption
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds		
1961.	177,443	96.1	7,167	3.9	184,610	7,186	177,424
1962.	182,435	96.4	6,843	3.6	189,278	8,978	180,300
1963.	158,153	99.2	1,250	.8	159,403	10,228	149,175
1964.	180,442	99.9	236	.1	180,678	20,924	159,754
1965.	174,413	99.9	101	.1	174,514	24,892	149,622
1966.	209,161	99.7	589	.3	209,750	20,484	189,266
1967.	99,473	99.9	121	.1	99,594	20,543	79,051
1968.	165,490	97.1	4,955	2.9	170,445	5,726	164,719
1969.	122,444	98.2	2,217	1.8	124,661	15,536	109,125
1970.	183,466	98.7	2,441	1.3	185,907	16,811	169,096
1971.	168,452	99.1	1,551	.9	170,003	18,232	151,771
1972.	96,192	89.2	11,647	10.8	107,839	21,358	86,481
1973.	68,248	89.7	7,859	10.3	76,107	16,941	59,166

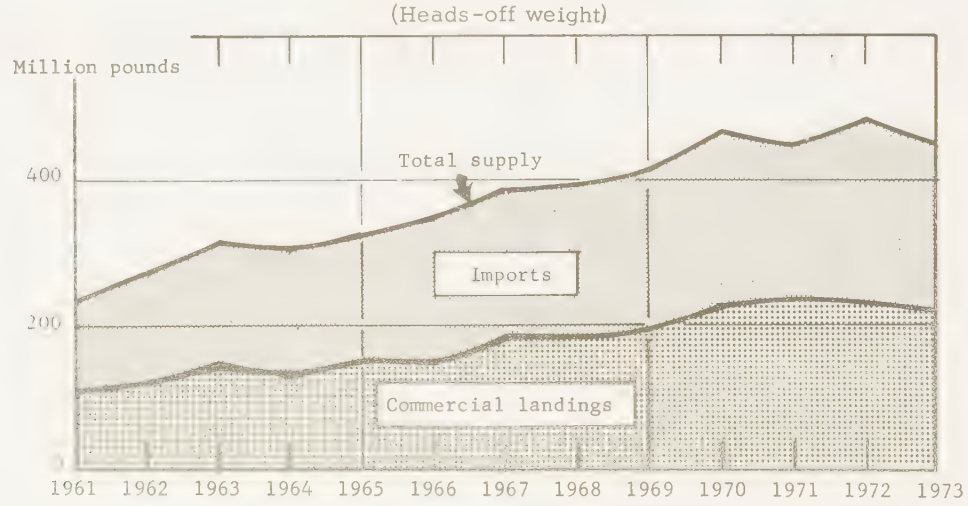
1/ Record pack, 430,328,496 pounds in 1936.
Note:--Does not include exports of foreign merchandise.

SUPPLY OF FISHERY PRODUCTS

SUPPLY OF CANNED TUNA, 1962-73



SUPPLY OF SHRIMP, 1961-73
(Heads-off weight)



SUPPLY OF SHRIMP, 1961-73

Year	U.S. commercial landings			Imports 1/			Total, heads-off
	Heads-on	Heads-off	Percent of total	Import weight	Heads-off	Percent of total	
	Thousand pounds		Percent	Thousand pounds		Percent	Thousand pounds
1961.	174,530	103,865	43.6	126,268	134,564	56.4	238,429
1962.	191,105	119,154	43.9	141,183	152,504	56.1	271,658
1963.	240,478	150,737	47.4	151,530	167,344	52.6	318,081
1964.	211,821	133,113	44.0	154,577	169,510	56.0	302,623
1965.	243,645	152,346	46.0	162,942	178,955	54.0	331,301
1966.	239,046	148,255	43.2	178,549	194,946	56.8	343,201
1967.	307,787	189,972	48.5	186,073	202,105	51.5	392,077
1968.	299,289	184,065	46.7	189,455	210,063	53.3	394,128
1969.	318,537	195,002	47.1	193,741	218,697	52.9	413,699
1970.	367,468	224,272	47.7	218,715	245,658	52.3	469,930
1971.	*387,932	*236,328	52.5	191,295	213,857	47.5	450,185
1972.	384,952	234,432	48.1	*223,226	*253,065	51.9	*487,497
1973.	372,190	220,662	49.0	202,605	229,332	51.0	449,994

1/ Imports were converted to heads-off weight on the basis of available data on the actual condition of the imports. *Record.

SUPPLY OF CANNED SHRIMP, 1961-73

Year	U.S. pack	Imports	Exports		Total for U.S. consumption
			Domestic	Foreign	
	- - - - - - - - - - - - - - - - - - Thousand pounds - - - - - - - - - - - - - - - - - -				
1961.	9,284	(1)	2,503	25	(1)
1962.	13,249	(1)	2,212	44	(1)
1963.	15,904	2/4,120	3,199	33	16,792
1964.	9,740	3,004	3,692	25	9,027
1965.	15,629	2,248	4,510	34	13,333
1966.	14,201	1,547	4,479	33	11,236
1967.	16,851	2,225	5,255	19	13,802
1968.	18,967	4,307	4,467	20	18,787
1969.	20,729	3,583	5,682	39	18,591
1970.	25,125	*3,876	6,076	50	*22,875
1971.	22,345	2,742	8,334	-	16,753
1972.	23,795	1,123	8,450	8	16,460
1973.	*25,561	3,027	9,949	42	18,597

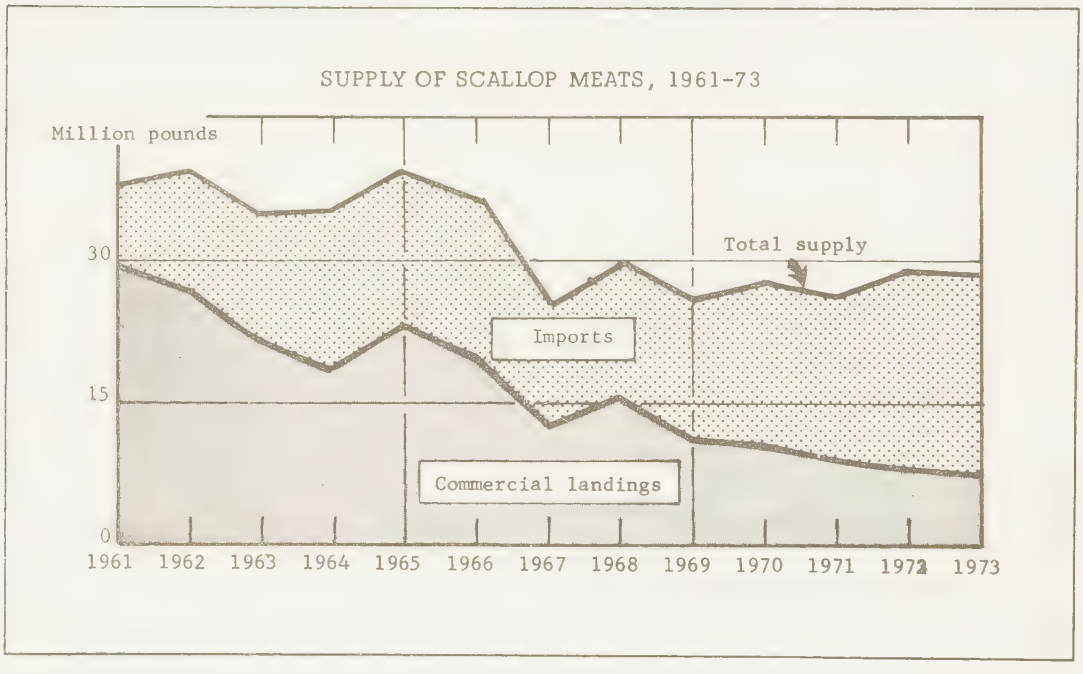
1/ Data not available. 2/ Partly estimated. *Record.

SUPPLY OF FISHERY PRODUCTS

SUPPLY OF SCALLOP MEATS, 1961-73

Year	U.S. commercial landings				Imports	Total for U.S. consumption
	Bay	Calico	Sea	Total		
	Thousand pounds					
1961. . . .	1,708	26	27,461	*29,195	8,652	37,847
1962. . . .	3,159	17	24,634	27,810	11,563	*39,373
1963. . . .	1,517	(1)	19,939	21,456	13,397	34,853
1964. . . .	1,887	-	16,914	18,801	16,175	34,976
1965. . . .	1,859	872	20,070	22,801	16,495	39,296
1966. . . .	1,780	1,857	15,975	19,612	16,712	36,324
1967. . . .	1,097	1,410	10,243	12,750	13,461	26,211
1968. . . .	1,491	89	13,818	15,398	14,581	29,979
1969. . . .	2,114	199	9,312	11,625	14,322	25,947
1970. . . .	1,700	1,833	7,304	10,837	16,830	27,667
1971. . . .	1,455	1,566	6,264	9,285	17,389	26,674
1972. . . .	479	1,342	6,995	8,816	*20,820	29,636
1973. . . .	1,805	558	6,293	8,656	19,833	28,489

1/ Less than 500 pounds. *Record.



SUPPLY OF FRESH AND FROZEN SPINY LOBSTERS, 1961-73

Year	U.S. commercial landings 1/	Imports 2/	Total
	Thousand pounds		
1961	3,235	32,610	35,845
1962	3,664	35,947	39,611
1963	4,180	34,048	38,228
1964	4,088	35,104	39,192
1965	6,237	37,814	44,051
1966	5,844	36,923	42,767
1967	4,868	35,340	40,208
1968	7,476	43,062	50,538
1969	8,781	*44,992	53,773
1970	10,345	37,741	48,086
1971	8,439	41,792	50,231
1972	11,199	43,009	*54,208
1973	*11,376	38,733	50,109

1/ Round weight. 2/ Product weight. Consists largely of tails. *Record.

SUPPLY OF FRESH AND FROZEN AMERICAN (NORTHERN) LOBSTER, 1961-73

Year	U.S. commercial landings				Imports		Total supply
	Maine	Other States	Total	Percent of total supply	Total 1/	Percent of total supply	
	Thousand pounds			Percent	Thousand pounds	Percent	Thousand pounds
1961	20,918	7,080	27,998	56.8	21,299	43.2	49,297
1962	22,075	7,422	29,497	57.2	22,101	42.8	51,598
1963	22,804	7,470	30,274	58.1	21,847	41.9	52,121
1964	21,413	9,545	30,958	60.3	20,386	39.7	51,344
1965	18,862	11,384	30,246	61.9	18,597	38.1	48,843
1966	19,916	9,625	29,541	63.4	17,047	36.6	46,588
1967	16,489	10,256	26,745	63.2	15,568	36.8	42,313
1968	20,502	12,056	32,558	66.0	16,753	34.0	49,311
1969	19,835	13,952	33,787	65.9	17,447	34.1	51,234
1970	18,172	15,980	*34,152	66.6	17,113	33.4	51,265
1971	17,539	15,808	33,347	65.2	17,835	34.8	51,182
1972	16,256	13,022	29,278	64.3	16,229	35.7	45,507
1973	17,045	11,990	29,035	65.2	15,529	34.8	44,564

1/ Product weight. *Record. Record imports, 23,558,000 pounds and total supply, 52,571,000 pounds in 1960.

SUPPLY OF CANNED CRAB MEAT, 1961-73

Year	U.S. pack	Percent of total supply	Imports	Percent of total supply	Total supply
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds
1961	5,000	54.1	4,237	45.9	9,237
1962	5,621	61.6	3,505	38.4	9,126
1963	7,356	58.1	5,296	41.9	12,652
1964	6,567	59.3	4,508	40.7	11,075
1965	9,139	68.8	4,152	31.2	13,291
1966	*11,002	83.1	2,233	16.9	13,235
1967	9,707	81.8	2,160	18.2	11,867
1968	4,019	46.4	4,635	53.6	8,654
1969	5,027	59.4	3,436	40.6	8,463
1970	5,097	64.8	2,765	35.2	7,862
1971	3,213	46.3	3,723	53.7	6,936
1972	2,862	52.9	2,547	47.1	5,409
1973	2,456	55.7	1,956	44.3	4,412

*Record. Record imports, 13,507,000 pounds in 1939.

SUPPLY OF FISH MEAL, 1961-73

Year	Domestic production	Imports	Total supply	Exports	Total for U.S. consumption
			Tons		
1961	311,265	217,845	529,110	(1)	529,110
1962	*312,259	252,307	564,566	(1)	564,566
1963	255,907	376,321	632,228	(1)	632,228
1964	235,252	439,143	674,395	(1)	674,395
1965	254,051	270,589	524,640	(1)	524,640
1966	223,821	447,784	671,605	(1)	671,605
1967	211,189	651,486	862,675	(1)	862,675
1968	235,136	*855,285	*1,090,421	(1)	*1,090,421
1969	252,664	358,350	611,014	(1)	611,014
1970	269,197	251,492	520,689	4,724	15,965
1971	292,812	283,249	576,061	10,075	565,986
1972	285,506	391,955	677,461	10,351	667,110
1973	287,771	68,496	356,267	36,732	319,535

*Record. 1/ Data not available.
Note:-- Does not include exports of foreign merchandise.

SUPPLY OF FISH SOLUBLES, 1961-73

Year	U.S. production 1/		Imports 2/		Total
	Tons	Percent	Tons	Percent	Tons
1961	112,254	94.3	6,739	5.7	118,993
1962	124,649	95.2	6,308	4.8	130,957
1963	107,402	93.8	7,112	6.2	114,514
1964	93,296	95.1	4,783	4.9	98,079
1965	94,840	94.6	5,407	5.4	100,247
1966	83,441	94.7	4,640	5.3	88,081
1967	74,675	95.3	3,669	4.7	78,344
1968	71,833	97.2	2,097	2.8	73,930
1969	81,692	99.8	161	.2	81,853
1970	94,968	99.5	474	.5	95,442
1971	111,188	99.9	56	.1	111,244
1972	134,395	99.9	85	.1	134,480
1973	137,435	99.8	309	.2	137,744

1/ Includes homogenized condensed fish for 1961-63. 2/ Includes only fish solubles and will not check with other tables which show total imports of fish solubles and cod-liver solubles. Note:-- Imports of solubles are understood to be on a wet-weight basis except those from the Republic of South Africa, which are believed to be on a dry-weight basis. Record: U.S. production 165,359 tons, imports 26,630 tons, and total supply 191,989 tons in 1959.

SUPPLY OF FISH OILS, 1961-73

Year	U.S. production 1/	Imports 2/	Total supply	Exports	Total for U.S. consumption
			Thousand pounds		
1961	254,596	8,385	262,981	122,486	140,495
1962	247,464	10,755	258,219	123,050	135,169
1963	183,673	8,579	192,252	262,342	-70,090
1964	177,015	11,828	188,843	151,469	37,374
1965	192,773	5,989	198,762	103,807	94,955
1966	162,680	12,664	175,344	77,255	98,089
1967	119,915	6,952	126,874	76,816	50,058
1968	171,678	5,882	177,556	65,129	112,427
1969	168,049	4,206	172,255	196,073	-23,818
1970	205,404	5,543	210,947	158,787	52,160
1971	265,032	7,512	272,544	229,898	42,646
1972	188,445	9,466	197,911	193,198	4,713
1973	224,636	7,116	231,752	247,793	-16,041

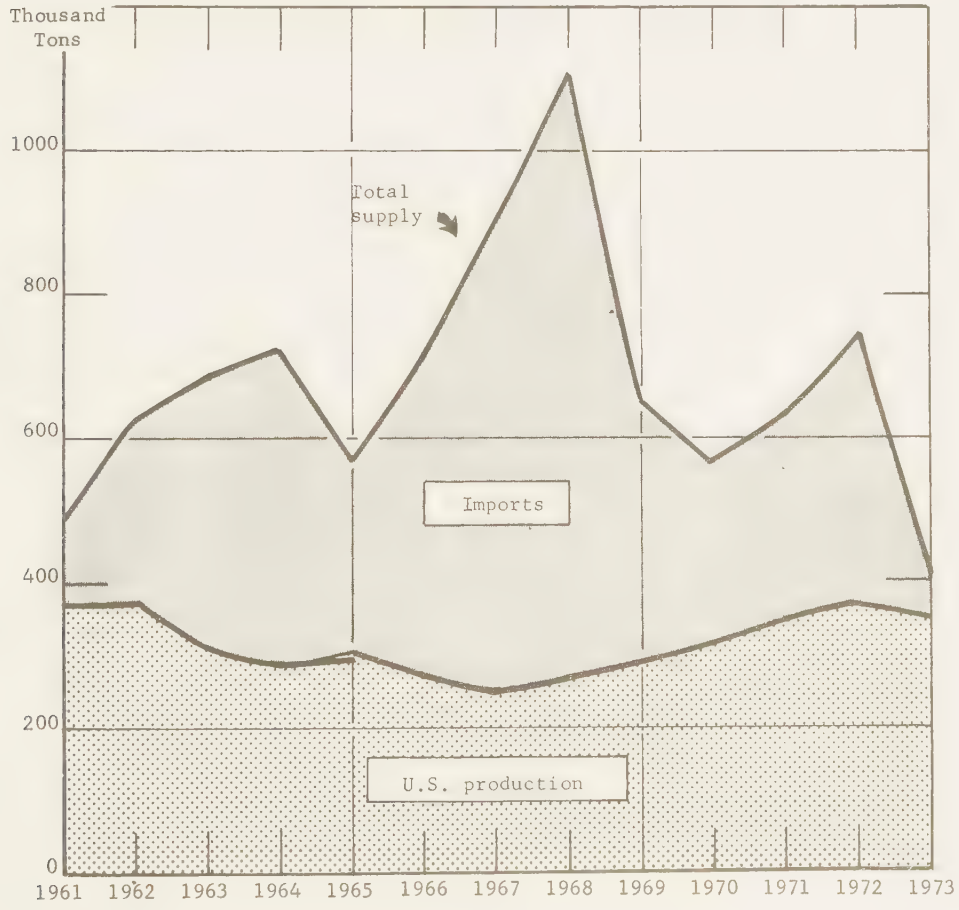
1/ Excludes whale and sperm oil. 2/ Excludes liver, whale, and sperm oil.
Note:--Does not include exports of foreign merchandise.

SUPPLY OF FISH MEAL AND SOLUBLES, 1961-73

Year	U.S. production 1/		Imports		Total
	Tons	Percent	Tons	Percent	Tons
1961	367,392	62.3	221,923	37.7	589,315
1962	374,583	59.4	256,284	40 6	630,867
1963	309,608	44.9	380,132	55.1	689,740
1964	281,900	38.9	441,889	61.1	723,789
1965	301,471	52.9	268,097	47.1	569,568
1966	265,541	37.1	449,939	62.9	715,480
1967	248,527	27.6	653,320	72.4	901,847
1968	271,053	24.0	*856,171	76.0	*1,127,224
1969	293,510	45.0	358,430	55.0	651,940
1970	316,681	55.7	251,729	44.3	568,410
1971	348,406	55.2	283,277	44.8	631,683
1972	352,703	47.4	391,998	52.6	744,701
1973	356,488	83.9	68,651	16.1	425,139

1/ Includes homogenized condensed fish for 1961-63. Note:--Wet weight of solubles and homogenized condensed fish have been converted to dry weight by reducing their poundage by one-half. *Record. Record U.S. production, 389,231 tons in 1959.

U.S. SUPPLY OF FISH MEAL AND SOLUBLES, 1961-73



PURCHASES OF FRESH, FROZEN, AND CANNED FISHERY PRODUCTS, BY DEFENSE SUBSISTENCE SUPPLY CENTERS, 1961-73

Year	Fresh and frozen		Canned	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1961	23,450	12,470	8,615	4,271
1962	23,356	14,388	9,024	4,795
1963	23,400	13,017	7,067	3,512
1964	26,341	15,040	8,777	4,326
1965	27,712	18,685	14,145	7,146
1966	31,283	23,071	12,861	13,398
1967	32,097	22,991	14,942	20,259
1968	28,706	25,215	14,241	10,735
1969	22,000	20,700	8,080	9,641
1970	18,419	16,734	8,135	17,966
1971	17,884	18,895	10,920	15,243
1972	17,605	21,806	17,932	35,101
1973	14,281	18,141	4,350	3,852

Note:--Armed Forces installations generally make some local purchases not included in the above data. Source:--U.S. Department of Defense.

PURCHASES OF PRINCIPAL FRESH AND FROZEN FISHERY PRODUCTS, BY DEFENSE SUBSISTENCE SUPPLY CENTERS, 1972 AND 1973

Product	1972	1973
	Thousand pounds	
Shrimp:		
Raw headless	699	228
Peeled and deveined	725	405
Breaded	4,097	3,046
Molded and breaded	243	14
Total	5,764	3,693
Scallops	678	267
Oysters:		
Eastern	556	566
Pacific	197	89
Total	753	655
Fillets:		
Cod	253	199
Flounder	1,144	1,144
Ocean perch	1,353	1,957
Haddock	173	121
Portions:		
Haddock-cod	2,634	1,870
Flounder-ocean perch	2,308	2,788
Steaks:		
Halibut	480	211
Salmon	97	67
Spiny lobster tails	592	221

Note:--Armed Forces installations generally make some local purchases not included in the above data. Source:--U.S. Department of Defense.

PRICES RECEIVED BY FISHERMEN

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY MONTHS, 1973

(1967=100)

Species or group	Jan.	Feb.	Mar.	Apr.	May	June
New England finfish:						
Cod	266.3	259.2	247.5	221.7	140.7	159.5
Haddock	217.4	245.4	259.4	251.2	234.7	251.2
Yellowtail flounder	164.2	337.5	273.4	302.3	169.6	153.4
Other flounders	208.7	267.4	234.8	218.1	133.3	147.8
Ocean perch	170.7	180.9	183.4	191.1	188.5	188.5
Pollock	243.6	282.6	304.6	277.5	159.2	135.3
Whiting	178.1	165.4	150.5	148.4	148.4	140.0
New England finfish	205.1	254.8	241.4	238.0	184.1	190.6
Red snapper	201.9	206.1	207.5	211.1	217.5	203.3
Pacific halibut	297.3	297.3	297.3	263.6	253.4	281.3
Salmon:						
Chinook - troll	148.5	148.5	163.3	163.3	184.5	184.5
Chinook - nontroll	254.6	254.6	254.6	254.6	254.6	254.6
Chum	358.1	358.1	358.1	358.1	358.1	358.1
Coho - troll	166.5	166.5	166.5	166.5	166.5	166.5
Coho - nontroll	281.3	281.3	281.3	281.3	281.3	281.3
Pink	275.1	275.1	275.1	275.1	275.1	275.1
Sockeye	211.1	211.1	211.1	211.1	211.1	211.1
Salmon	228.3	228.3	229.8	229.8	231.8	231.8
Tuna:						
Albacore	179.7	179.7	179.7	179.7	179.7	179.7
Skipjack	200.9	200.9	200.9	200.9	200.9	200.9
Bluefin	181.8	181.8	181.8	181.8	181.8	181.8
Yellowfin	168.9	168.9	168.9	168.9	168.9	168.9
Tuna	180.9	180.9	180.9	180.9	180.9	180.9
Edible finfish	211.4	222.4	220.1	217.9	206.7	209.0
Shrimp	146.7	159.8	168.6	179.2	181.9	182.3
Other shellfish:						
Hard clams	141.4	171.4	167.8	154.2	132.3	152.3
Soft clams	244.8	239.9	195.3	184.4	215.7	205.6
Surf clams	118.0	116.0	121.1	133.4	141.6	136.5
Hard blue crabs	240.3	297.9	328.3	338.5	319.9	264.0
King crabs	421.4	441.0	461.5	499.1	427.3	436.7
American (northern) lobsters	212.4	220.9	208.3	167.5	150.6	160.1
Eastern oysters	92.7	91.5	92.8	115.1	107.4	110.4
Sea scallops	256.6	262.0	249.3	223.6	182.5	183.0
Other shellfish	195.6	208.1	208.4	209.3	188.0	190.1
Edible shellfish	171.6	184.4	188.9	194.6	185.0	186.3
Edible fish	190.4	202.4	203.7	205.6	195.3	197.0
Industrial fish	203.1	203.1	203.1	255.7	291.3	352.0
Menhaden	203.1	203.1	203.1	255.7	291.3	352.0
All fish	191.3	202.4	203.7	209.1	201.9	207.7

(Continued on next page)

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY MONTHS, 1973 - Continued

(1967=100)

Species or group	July	Aug.	Sept.	Oct.	Nov.	Dec.
New England finfish:						
Cod	199.4	227.6	210.0	190.0	252.2	320.2
Haddock	290.7	231.4	252.8	231.4	270.1	345.1
Yellowtail flounder	184.1	206.6	131.7	159.7	257.1	267.1
Other flounders	215.9	287.7	172.5	151.5	178.3	205.1
Ocean perch	186.0	208.9	224.2	290.4	226.7	239.5
Pollock	194.7	238.5	267.3	164.0	133.6	120.2
Whiting	129.3	135.7	133.6	137.8	152.7	140.0
New England finfish	225.4	225.2	201.3	197.5	235.8	276.7
Red snapper	211.9	208.3	207.5	209.7	222.2	236.1
Pacific halibut	296.9	311.8	295.1	317.4	317.4	317.4
Salmon:						
Chinook - troll	187.5	198.1	203.6	253.5	253.5	253.5
Chinook - nontroll	328.4	350.5	350.5	350.5	350.5	350.5
Chum	454.2	611.4	611.4	611.4	611.4	611.4
Coho - troll	180.5	244.9	244.9	269.4	269.4	269.4
Coho - nontroll	360.4	373.6	373.6	373.6	373.6	373.6
Pink	353.7	432.3	432.3	432.3	432.3	432.3
Sockeye	447.8	447.8	447.8	447.8	447.8	447.8
Salmon	346.3	386.1	386.7	395.7	395.7	395.7
Tuna:						
Albacore	179.7	219.4	219.4	219.4	219.4	219.4
Skipjack	200.9	201.8	206.3	210.8	211.7	211.7
Bluefin	181.8	182.6	184.2	189.0	187.4	187.4
Yellowfin	168.9	169.6	172.4	174.6	177.4	177.4
Tuna	180.9	189.9	192.6	195.0	196.5	196.5
Edible finfish	264.6	284.2	279.3	283.9	293.0	302.3
Shrimp	193.1	219.0	229.4	220.4	230.6	236.6
Other shellfish:						
Hard clams	164.8	165.1	173.9	136.0	155.4	162.8
Soft clams	205.6	239.0	226.8	220.0	216.5	213.5
Surf clams	136.5	133.4	135.5	133.4	129.3	118.0
Hard blue crabs	170.9	162.5	160.8	152.3	160.8	174.3
King crabs	541.0	581.2	666.7	689.7	720.5	720.5
American (northern) lobsters	171.1	175.2	132.0	148.6	165.4	167.6
Eastern oysters	106.1	119.4	100.1	98.9	98.9	110.8
Sea scallops	187.9	254.0	254.1	246.0	241.3	238.5
Other shellfish	199.7	215.1	212.3	211.8	221.9	230.1
Edible shellfish	195.5	213.9	220.7	216.0	212.9	233.3
Edible fish	228.2	247.2	248.4	248.1	250.8	265.9
Industrial fish	313.9	310.7	310.7	281.6	270.3	321.2
Menhaden	313.9	310.7	310.7	281.6	270.3	321.2
All fish	234.1	251.6	252.7	250.4	252.1	269.7

Note:--Data are preliminary. Monthly prices for species representing about 70 percent of the landed value of all fish and shellfish during recent years have been combined into index groups to indicate movement of prices received by fishermen.

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 1968-73

(1967=100)

Species or group	1968	1969	1970	1971	1972[1/]	1973[2/]
New England finfish:						
Cod	90.6	106.0	140.2	153.3	209.0	224.5
Haddock	115.5	154.7	195.8	212.8	250.0	256.7
Yellowtail flounder	97.8	122.9	136.8	148.0	185.0	217.2
Other flounders	108.1	108.8	123.0	133.3	182.8	201.8
Ocean perch	98.3	107.9	125.9	130.1	144.6	206.6
Pollock	112.5	107.2	153.6	152.6	181.5	210.1
Whiting	90.3	116.5	156.0	126.0	174.6	146.7
New England finfish	102.1	128.3	157.6	165.6	206.9	223.0
Red snapper	114.2	149.2	157.6	163.3	193.5	211.9
Pacific halibut	100.6	143.4	144.6	137.9	235.0	295.5
Salmon:						
Chinook - troll	105.1	126.0	149.2	126.2	133.5	195.2
Chinook - nontroll	112.9	123.2	132.8	156.3	214.9	300.7
Chum	110.0	122.4	116.7	112.9	195.2	471.6
Coho - troll	110.3	120.2	138.0	110.6	124.6	206.5
Coho - nontroll	95.4	109.2	131.8	145.9	208.0	326.4
Pink	102.9	114.4	110.0	106.4	176.6	347.2
Sockeye	111.3	117.5	113.0	117.5	166.5	329.4
Salmon	108.2	118.6	124.3	120.8	167.4	307.2
Tuna:						
Albacore	109.2	115.8	132.2	156.0	177.5	196.2
Skipjack	115.8	123.3	142.4	165.9	181.2	204.0
Bluefin	115.1	121.4	138.4	157.7	166.8	183.6
Yellowfin	109.6	115.2	130.6	148.4	156.8	171.1
Tuna	111.4	117.9	134.7	155.5	168.6	186.4
Edible finfish	107.6	122.4	136.4	142.8	180.1	249.6
Shrimp	113.3	121.2	116.4	138.8	152.9	195.6
Other shellfish:						
Hard clams	105.2	110.3	115.0	135.9	161.2	156.4
Soft clams	98.4	103.1	118.7	137.8	159.8	217.3
Surf clams	105.6	123.2	121.7	140.9	135.3	129.4
Hard blue crabs	187.9	222.6	106.6	158.0	152.9	230.9
King crabs	226.0	230.8	222.0	268.4	312.7	550.6
American (northern) lobsters	99.3	102.5	114.2	126.8	159.7	173.3
Eastern oysters	98.5	96.0	98.3	92.0	94.2	103.7
Sea scallops	143.7	143.6	173.6	184.2	253.3	231.6
Other shellfish	126.7	131.3	127.6	143.2	164.8	207.5
Edible shellfish	120.1	126.4	122.2	141.1	159.0	200.3
Edible fish	114.2	124.5	128.9	141.9	168.9	223.6
Industrial fish	99.8	123.0	141.1	132.8	123.5	276.4
Menhaden	99.8	123.0	141.1	132.8	123.5	276.4
All fish	113.2	124.4	129.8	141.3	165.8	227.2

1/ Revised. 2/ Preliminary

Note:--Simple averages of the 12 monthly indexes.

PRICES

WHOLESALE PRICE INDEXES

WHOLESALE PRICE INDEXES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1973

Group	Jan.	Feb.	Mar.	Apr.	May	June
			-Index (1967=100)-			
All fish and shellfish (fresh, frozen, and canned)	174.5	172.0	174.7	176.6	180.3	173.6
Fresh and frozen fishery products	187.3	178.2	182.4	188.5	193.1	182.4
Drawn, dressed, or whole finfish.	237.0	203.8	199.7	210.7	206.9	174.4
Processed, fresh (fish and shellfish)	185.0	171.2	176.8	182.4	191.8	182.2
Processed, frozen (fish and shellfish)	157.7	169.0	177.0	180.4	185.6	188.1
Canned fishery products	148.9	159.3	159.3	153.0	154.8	155.9

Group	July	Aug.	Sept.	Oct.	Nov.	Dec.
			-Index (1967=100)-			
All fish and shellfish (fresh, frozen, and canned)	186.6	193.6	203.6	208.9	222.3	223.1
Fresh and frozen fishery products	202.0	211.5	226.5	221.3	240.6	241.5
Drawn, dressed, or whole finfish.	234.1	221.5	232.8	234.2	282.6	258.3
Processed, fresh (fish and shellfish)	195.6	214.0	226.8	210.5	229.4	242.8
Processed, frozen (fish and shellfish)	187.8	202.9	222.4	223.9	225.1	229.7
Canned fishery products	155.9	158.0	158.1	184.0	185.8	186.3

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

WHOLESALE PRICES

AVERAGE WHOLESALE PRICES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1973

Group, subgroup, and item specification	Point of pricing	Unit	Jan.	Feb.	Mar.	Apr.	May	June
FRESH AND FROZEN FISHERY PRODUCTS:					Dollars			
Haddock, large, offshore, drawn, fresh	Boston	lb.	.80	.53	.44	.57	.54	.30
Halibut, West., 20/80 lbs., dressed, fresh or frozen	New York	lb.	.91	.92	.92	.88	.89	.87
Salmon, king, large & medium, dressed, fresh or frozen	New York	lb.	1.45	1.50	1.60	1.58	1.58	1.59
Whitefish, L. Superior, drawn, fresh	Chicago	lb.	.82	.83	.98	.69	.69	.81
Yellow pike, L. Michigan & Huron, round, fresh	New York	lb.	1.00	1.03	1.08	1.11	1.06	.90
PROCESSED, FRESH (Fish & Shellfish):								
Fillets, haddock, small, skins on, 20-lb. tins	Boston	lb.	-	1.00	1.25	1.30	1.45	.83
Shrimp, large (26-30 count), headless, fresh	New York	lb.	2.00	2.00	2.05	-	2.10	2.14
Oysters, shucked, standards	Norfolk	gal.	11.00	10.00	9.50	10.00	12.00	11.75
PROCESSED, FROZEN (Fish & shellfish):								
Fillets: Flounder, skinless, 1-lb. package	Boston	lb.	.77	.77	.79	.80	.80	.81
Haddock, small, skins on, 1-lb. package	Boston	lb.	-	.59	-	-	-	-
Ocean perch, large, skins on, 1-lb. package	Boston	lb.	.52	.53	.53	.56	.56	.56
Shrimp, large (26-30 count), brown, 5-lb. package	Chicago	lb.	1.67	1.91	2.04	2.04	2.14	2.18
Shrimp, raw, breaded, (15-20 count), 4-lb. pkg.	Selected areas	lb.	1.54	1.63	1.70	1.72	1.77	1.77
Fish blocks, cod, raw, 13-1/2 - 16-lb. ctn.	Selected areas	lb.	.49	.51	.57	.59	.61	.66
Fish sticks, cod, precooked, breaded, 1/2-1-lb. pkg.	Selected areas	lb.	.75	.75	.75	.78	.78	.79
Fish portions, cod, raw, breaded, 6-lb. pkg.	Selected areas	lb.	.58	.58	.61	.67	.68	.70
CANNED FISHERY PRODUCTS:								
Salmon, pink, No. 1 tall (16 oz.) 48 cans/cs	Seattle	cs.	45.00	45.50	45.50	45.50	47.00	47.00
Tuna, light meat, chunk, No. 1/2 (6-1/2 oz.) 48 cans/cs	Los Angeles	cs.	18.60	21.14	21.14	19.48	19.72	19.98
Mackerel, jack, California, No. 1 tall (15 oz.) 48 cans/cs	Los Angeles	cs.	9.00	9.00	9.00	9.25	9.25	9.50
Sardines, Maine, keyless, oil, 1/4 drawn (3-3/4 oz.) 100 cans/cs.	New York	cs.	16.25	16.25	16.25	16.25	15.30	15.30

(Continued on next page)

PRICES

WHOLESALE PRICES

AVERAGE WHOLESALE PRICES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1973 - Continued

Group, subgroup, and item specification	Point of pricing	Unit	July	Aug.	Sept.	Oct.	Nov.	Dec.
FRESH AND FROZEN FISHERY PRODUCTS:			- - - - - - - - Dollars - - - - - - - -					
Haddock, large, offshore, drawn, fresh.	Boston	lb.	.70	.50	.55	.55	.90	.71
Halibut, West., 20/80 lbs., dressed, fresh or frozen	New York	lb.	1.01	1.02	1.03	1.03	1.03	1.03
Salmon, king, large & medium, dressed, fresh or frozen	New York	lb.	1.60	1.83	1.90	1.98	1.98	1.98
Whitefish, L. Superior, drawn, fresh.	Chicago	lb.	.65	.91	.88	.63	.80	.90
Yellow pike, L. Michigan & Huron, round, fresh	New York	lb.	1.05	1.00	1.01	1.00	.90	.95
PROCESSED, FRESH (Fish & shellfish):								
Fillets, haddock, small, skins on, 20-lb. tins.	Boston	lb.	1.33	1.18	1.20	1.10	1.95	1.75
Shrimp, large (26-30 count), headless, fresh.	New York	lb.	2.20	2.55	2.70	2.50	2.58	2.90
Oysters, shucked, standards . . .	Norfolk	gal.	12.00	12.00	13.00	12.25	12.13	11.38
PROCESSED, FROZEN (Fish & shellfish):								
Fillets: Flounder, skinless, 1-lb. package.	Boston	lb.	.82	.84	.86	.86	.86	.86
Haddock, small, skins on, 1-lb. package. . .	Boston	lb.	.59	.59	.59	.59	.59	-
Ocean perch, large, skins on, 1-lb. package.	Boston	lb.	.52	.60	.64	.65	.65	.65
Shrimp, large (26-30 count), brown, 5-lb. package	Chicago	lb.	2.15	2.50	2.72	2.63	2.74	2.84
Shrimp, raw, breaded (15-20 count), 4-lb. pkg.	Selected areas	lb.	1.80	1.82	2.10	2.02	2.09	2.13
Fish blocks, cod, raw, 13-1/2 - 16-lb. ctn..	Selected areas	lb.	.70	.71	.79	.80	.81	.81
Fish sticks, cod, precooked, breaded, 1/2-1-lb. pkg..	Selected areas	lb.	.79	.79	.83	.83	.83	.83
Fish portions, cod, raw, breaded, 6-lb. pkg.	Selected areas	lb.	.70	.73	.81	.85	.88	.88
CANNED FISHERY PRODUCTS:								
Salmon, pink, No. 1 tall (16 oz.) 48 cans/cs	Seattle	cs.	47.00	47.00	47.00	66.50	68.00	68.00
Tuna, light meat, chunk, No. 1/2 (6-1/2 oz.) 48 cans/cs	Los Angeles	cs.	19.98	19.98	19.98	20.14	20.10	20.22
Mackerel, jack, California, No. 1 tall (15 oz.) 48 cans/cs	Los Angeles	cs.	9.50	9.50	9.50	9.50	9.50	9.50
Sardines, Maine, keyless, oil, 1/4 drawn (3-3/4 oz.) 100 cans/cs. .	New York	cs.	15.30	17.25	17.35	17.60	17.60	17.60

Note:--Represent average prices for one day (Monday or Tuesday) during the week in which the 13th of the month occurs. These prices are published as indicators of movement and not necessarily absolute level. Daily Market News Service "Fishery Products Reports" should be referred to for actual prices.

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

RETAIL PRICES

Estimated retail prices of fishery products are collected by the Bureau of Labor Statistics of the U.S. Department of Labor for use in the food component of the Consumer Price Index.

The Consumer Price Index (CPI) is based on prices from a sample of 39 standard Metropolitan Statistical Areas and 17 small cities collected to represent all urban areas of the United States, ranging in size from cities with a population of 2,500 to New York City. Agents collect monthly food prices from chain and independent retail food stores that voluntarily report their selling prices. Prices are those in effect on the day of the agent's visit and include any sale or weekend special prices which are offered on that day. The Bureau's agents use a description defining the quality or grade and size range for each food for which prices are collected. All prices are converted to a standard unit and population weights are employed in obtaining U.S. average prices for all areas combined.

RETAIL PRICES OF FISHERY PRODUCTS, BY MONTHS, 1972 AND 1973

Item		Jan.	Feb.	Mar.	April	May	June
CONSUMER PRICE INDEX FOR FISH (1967=100)	1972	134.7	137.0	138.3	139.8	140.2	141.3
	1973	149.2	151.3	152.8	156.1	160.2	163.7
RETAIL PRICES, U.S. AVERAGES:				Cents per unit			
Shrimp, frozen, 10 oz. (41 cities)	1972	109.0	111.5	113.5	115.7	116.8	117.7
	1973	122.1	122.7	125.3	128.6	132.5	135.9
Ocean Perch, fillet, frozen, lb. (38 cities)	1972	73.4	73.7	72.5	73.1	73.3	73.8
	1973	87.6	90.3	91.8	94.4	96.9	99.6
Haddock fillet, frozen, lb. (33 cities)	1972	102.4	102.7	102.9	103.4	104.0	104.9
	1973	115.7	119.6	120.8	124.2	128.7	132.2
Tuna, 6-1/2 oz. can (44 cities)	1972	44.1	44.7	45.2	45.6	45.8	45.9
	1973	46.5	46.7	46.9	47.6	48.3	49.3
Sardines, 4 oz. can (43 cities)	1972	21.6	21.6	21.4	21.6	21.7	21.8
	1973	22.4	22.4	22.6	22.9	23.3	23.7

Item		July	Aug.	Sept.	Oct.	Nov.	Dec.
CONSUMER PRICE INDEX FOR FISH (1967=100)	1972	142.0	142.8	144.4	145.8	148.0	148.6
	1973	163.8	165.2	167.1	170.8	175.8	178.3
RETAIL PRICES, U.S. AVERAGES:				Cents per unit			
Shrimp, frozen, 10 oz. (41 cities)	1972	118.2	118.6	119.7	119.5	121.9	121.8
	1973	136.8	138.1	140.8	144.3	149.5	151.3
Ocean Perch, fillet, frozen, lb. (38 cities)	1972	75.2	77.1	78.0	82.1	84.6	85.1
	1973	99.8	100.7	102.6	105.4	107.5	108.4
Haddock fillet, frozen, lb. (33 cities)	1972	105.3	106.9	108.4	108.8	112.0	113.7
	1973	133.6	136.3	136.5	138.3	144.9	145.5
Tuna, 6-1/2 oz. can (44 cities)	1972	45.7	45.3	45.6	46.0	46.1	46.4
	1973	51.0	49.6	50.0	50.6	51.6	52.5
Sardines, 4 oz. can (43 cities)	1972	21.9	22.1	22.6	22.7	22.9	23.0
	1973	23.1	23.2	23.5	24.2	25.0	25.3

Source:—Department of Labor, Bureau of Labor Statistics.

VALUE

VALUE OF PROCESSED FISHERY PRODUCTS AT PROCESSOR'S LEVEL, 1972 AND 1973

(Processed from domestic catch and imported products)

Item	1972		1973 1/	
	Thousand dollars	Percent of total	Thousand dollars	Percent of total
Canned	998,701	43.9	1,182,880	41.5
Fish:				
Fillets and steaks	91,939	4.0	108,669	3.8
Sticks	61,491	2.7	79,658	2.8
Portions	149,148	6.6	196,990	6.9
Breaded shrimp	140,933	6.2	174,022	6.1
Other (fish and shellfish)	593,343	26.1	820,000	28.8
Cured	80,883	3.6	85,000	3.0
Industrial products 2/	155,982	6.9	201,105	7.1
Total	2,272,420	100.0	2,848,324	100.0

1/ Preliminary.
2/ Does not include the value of imported fish meal that may be further processed, or the value of sealskins.

ESTIMATED VALUE OF FISHERY PRODUCTS AT VARIOUS LEVELS, 1972 AND 1973

Level	1972 1/			1973 2/		
	Domestic	Imports	Total	Domestic	Imports	Total
	Million dollars					
Processor (fishermen)	704	-	704	907	-	907
Import (declared value)	-	1,494	1,494	-	1,579	1,579
Processor	1,425	3/ 847	2,272	1,802	3/ 1,046	2,848
Wholesale	4/ 1,494	5/ 2,271	3,765	4/ 1,968	5/ 2,533	4,501
Retail	4/ 2,129	6/ 2,612	4,741	4/ 2,801	6/ 2,913	5,714

1/ Revised.
2/ Preliminary.
3/ Estimated value of products processed in the United States from imported raw material.
4/ Estimated on the basis of actual and estimated weighted average mark-ups for each of the 17 most important species of fish and shellfish and on an overall estimated mark-up for the remaining species.
5/ Calculated by using the value at the processor level, of products processed in the United States from imports, plus the declared value of all United States imports except those further processed in the United States, and multiplying by an estimated average mark-up factor.
6/ Represents the wholesale value of imported fishery products multiplied by an estimated overall mark-up factor.

PER CAPITA UTILIZATION

Per capita utilization of commercial fish and shellfish is based on the total supply of fishery products, both edible and industrial, (see pp. 55) on a round-weight equivalent basis, without taking into consideration beginning or ending stocks, exports, defense purchases or shipments to U.S. territories.

Per capita utilization figures are not comparable with per capita consumption data (see pp. 76-78). Per capita consumption figures are derived from using an edible (for human use) meat-weight basis rather than round weight. In addition, the determination of consumption includes allowances for beginning and endings stocks, exports, defense purchases, and shipments to U.S. territories, whereas the determination of utilization does not include such allowances.

Per capita utilization is derived by using total population including armed forces overseas and per capita consumption is derived by using civilian resident population.

PER CAPITA UTILIZATION OF COMMERCIAL FISH AND SHELLFISH, 1950-73

Year	Total population including armed forces overseas, July 1	Total U.S. supply 1/	Per capita utilization		
			Commercial landings	Imports	Total
	Million persons	Million pounds	Pounds		
1950	152.3	6,547	32.2	10.8	43.0
1951	154.9	6,757	28.6	15.0	43.6
1952	157.6	7,636	28.1	20.4	48.5
1953	160.2	7,015	28.0	15.8	43.8
1954	163.0	7,593	29.2	17.4	46.6
1955	165.9	7,121	29.0	13.9	42.9
1956	168.9	7,569	31.2	13.6	44.8
1957	172.0	7,164	27.9	13.8	41.7
1958	174.9	7,526	27.1	15.9	43.0
1959	177.8	8,460	28.8	18.8	47.6
1960	180.7	8,223	27.3	18.2	45.5
1961	183.7	9,570	28.2	23.9	52.1
1962	186.5	10,408	28.7	27.1	55.8
1963	189.2	11,434	25.6	34.8	60.4
1964	191.9	12,031	23.7	39.0	62.7
1965	194.3	10,535	24.6	29.6	54.2
1966	196.6	12,469	22.2	41.2	63.4
1967	198.7	13,991	20.4	50.0	70.4
1968	200.7	17,381	20.7	65.9	86.6
1969	202.7	11,847	21.4	37.0	58.4
1970	204.9	11,474	24.0	32.0	56.0
1971	207.0	11,755	24.0	32.8	56.8
1972	208.8	13,753	22.6	43.3	65.9
1973 2/	210.4	10,252	22.5	26.2	48.7

1/ Includes commercial landings of both edible and industrial fishery products on a round weight basis. "Total supply" is not adjusted for beginning and ending stocks, exports, defense purchases, or shipments to U.S. territories.
2/ Preliminary.

PER CAPITA CONSUMPTION

Consumption of commercial fishery products increased from 12.3 pounds, edible meat, in 1972 to a record high of 12.6 pounds per person in 1973. A small part of this increase was due to the inclusion in 1973 of statistics on fresh and frozen artificially cultivated catfish. The remainder of the increase was due to an increase in consumption of other fresh and frozen finfish products and to a lesser extent, canned fishery products. Fresh and frozen consumption increased 0.2 pound due partly to an increase in consumption of fillets, steaks, and sticks and portions. Per capita consumption of shrimp declined by 0.1 pound or 10 percent.

The per capita consumption of canned salmon declined 0.2 pound, but an increase in canned tuna consumption of 0.2 pound and an increase in other canned species of 0.1 pound more than offset this decrease.

PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH, 1950-73

Year	Civilian resident population July 1	Per capita consumption			
		Fresh and Frozen 1/	Canned	Cured	Total
	Million persons	Pounds, edible meat			
1950	150.8	6.3	4.9	0.6	11.8
1951	151.6	6.3	4.3	.6	11.2
1952	153.9	6.2	4.3	.7	11.2
1953	156.6	6.4	4.3	.7	11.4
1954	159.7	6.2	4.3	.7	11.2
1955	163.0	5.9	3.9	.7	10.5
1956	166.1	5.7	4.0	.7	10.4
1957	169.1	5.5	4.0	.7	10.2
1958	172.2	5.7	4.3	.6	10.6
1959	175.3	5.9	4.4	.6	10.9
1960	178.1	5.7	4.0	.6	10.3
1961	181.1	5.9	4.3	.5	10.7
1962	183.7	5.8	4.3	.5	10.6
1963	186.5	5.8	4.4	.5	10.7
1964	189.1	5.9	4.1	.5	10.5
1965	191.6	6.0	4.3	.5	10.8
1966	193.4	6.1	4.3	.5	10.9
1967	195.3	5.8	4.3	.5	10.6
1968	197.1	6.2	4.3	.5	11.0
1969	199.1	6.6	4.2	.4	11.2
1970	201.7	6.9	4.5	.4	11.8
1971	204.2	6.6	4.3	.5	11.4
1972	206.5	7.0	4.9	.4	12.3
1973 2/	208.1	7.2	5.0	.4	12.6

1/ Includes consumption of artificially cultivated catfish, beginning 1973.
2/ Preliminary.

PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS, 1950-73

Year	Salmon	Sardines	Tuna	Shellfish	Other	Total
	Pounds					
1950	1.4	1.4	1.1	0.4	0.6	4.9
1951	1.4	.8	1.2	.4	.5	4.3
1952	1.4	.5	1.3	.3	.8	4.3
1953	1.3	.7	1.4	.4	.5	4.3
1954	1.1	.8	1.4	.4	.6	4.3
1955	1.0	.6	1.4	.4	.5	3.9
1956	1.1	.4	1.6	.4	.5	4.0
1957	1.0	.4	1.6	.4	.6	4.0
1958	1.1	.6	1.8	.4	.4	4.3
1959	.9	.6	1.9	.5	.5	4.4
1960	.7	.4	2.0	.4	.5	4.0
1961	.8	.5	2.1	.4	.5	4.3
1962	.9	.3	2.1	.4	.6	4.3
1963	.9	.4	2.0	.5	.6	4.4
1964	.7	.3	2.0	.5	.6	4.1
1965	.9	.3	2.3	.5	.3	4.3
1966	.8	.4	2.3	.4	.4	4.3
1967	.7	.4	2.4	.5	.3	4.3
1968	.7	.4	2.4	.5	.3	4.3
1969	.7	.4	2.4	.5	.2	4.2
1970	.7	.4	2.5	.5	.4	4.5
1971	.7	.4	2.4	.5	.3	4.3
1972	.7	.4	2.9	.5	.4	4.9
1973 1/	.5	.4	3.1	.5	.5	5.0

1/ Preliminary.

PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1950-73

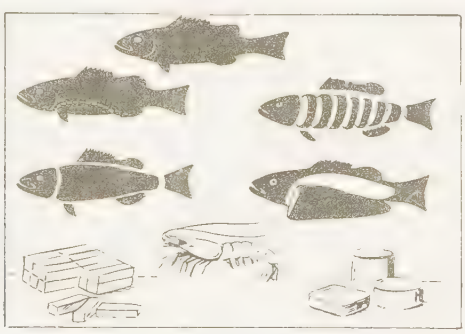
Year	Fillets and steaks 1/	Sticks and portions	Shrimp, all preparations
	Pounds 2/		
1950	1.86	(3)	0.75
1951	2.23	(3)	.87
1952	2.14	(3)	.92
1953	2.02	(3)	.92
1954	2.22	(3)	.94
1955	1.84	(3)	.98
1956	1.82	(3)	.93
1957	1.91	(3)	.83
1958	1.82	0.48	.88
1959	1.70	.55	1.04

See footnotes at end of table. (Continued on next page)

PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1950-73 - Continued

Year	Fillets and steaks 1/	Sticks and portions	Shrimp, all preparations
	Pounds 2/		
1960	1.64	0.63	1.08
1961	1.67	.71	1.01
1962	1.77	.82	1.02
1963	1.60	.92	1.17
1964	1.62	.98	1.16
1965	1.68	1.12	1.24
1966	1.74	1.14	1.21
1967	1.69	1.21	1.29
1968	1.88	1.32	1.37
1969	2.03	1.63	1.31
1970	2.19	1.73	1.44
1971	2.07	1.65	1.39
1972	2.30	1.80	1.44
1973 4/	2.57	1.99	1.29

1/ Includes groundfish and other species. Does not include blocks, but fillets could be made into blocks from which sticks and portions could be produced.
2/ Product weight of fillets and steaks and sticks and portions, edible weight of shrimp.
3/ Data not available.
4/ Preliminary.



ANNUAL PER CAPITA COMSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY,

LATEST AVAILABLE DATA

Region and country	Period	Estimated edible weight	
		Kilograms	Pounds
Europe:			
Albania	1964-66	1.1	2.4
Austria	1969-70	3.6	8.0
Belgium and Luxembourg	1969-70	8.0	17.7
Bulgaria	1964-66	2.2	4.8
Czechoslovakia	1964-66	3.3	7.2
Denmark	1963-65	17.5	38.6
Finland	1970-71	12.0	26.6
France	1969-70	8.0	17.7
Germany, East	1964-66	8.4	18.5
Germany, Federal Republic of	1969-70	4.0	8.9
Greece	1967	10.6	23.3
Hungary	1970	2.2	4.8
Iceland	1964-66	39.1	86.1
Ireland	1970	4.7	10.5
Italy	1969-70	6.2	13.7
Malta	1964-66	3.3	7.2
Netherlands	1970-71	5.8	12.9
Norway	1969-70	17.9	39.4
Poland	1964-66	4.7	10.5
Portugal	1970	23.0	50.7
Romania	1964-66	1.5	3.2
Spain	1969-70	13.5	29.8
Sweden	1970-71	20.4	45.1
Switzerland	1969-70	4.4	9.7
United Kingdom	1970-71	8.8	19.3
Yugoslavia	1968	.7	1.6
Union of Soviet Socialist Republics	1964-66	10.2	22.5
North America:			
Canada	1966-68	5.5	12.1
United States	1973	5.7	12.6
Latin America:			
Argentina	1969	2.2	4.8
Barbados	1966	13.5	29.8
Bolivia	1964-66	.7	1.6
Brazil	1970	2.6	5.6
Chile	1970	6.6	14.5
Colombia	1970	1.8	4.0
Costa Rica	1970	2.2	4.8
Cuba	1964-66	4.4	9.7
Dominican Republic	1968	4.0	8.9
Ecuador	1970	1.8	4.0
El Salvador	1970	1.5	3.2
Guatemala	1970	.4	.8
Guyana	1967	10.6	23.3
Haiti	1964-66	.4	.8
Honduras	1970	.7	1.6
Jamaica	1964-66	12.4	27.4
Mexico	1964-66	1.8	4.0
Nicaragua	1970	1.1	2.4
Panama	1970	10.2	22.5
Paraguay	1970	.4	.8
Peru	1968	8.4	18.5
Puerto Rico	1964-66	3.6	8.0

(Continued on next page)

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY, LATEST AVAILABLE DATA - Continued

Region and country	Period	Estimated edible weight	
		Kilograms	Pounds
Latin America - Continued:			
Surinam	1968	7.7	16.9
Trinidad and Tobago	1964-66	8.0	17.7
Uruguay	1970	1.8	4.0
Venezuela	1970	4.7	10.5
Near East:			
Cyprus	1964-66	2.6	5.6
Egypt	1968-69	1.5	3.2
Iran	1964-66	.4	.8
Iraq	1964-66	.7	1.6
Israel	1969-70	6.6	14.5
Jordan	1964-66	.7	1.6
Lebanon	1964-66	2.2	4.8
Libya	1970	2.9	6.4
Saudi Arabia	1964-66	1.5	3.2
Sudan	1964-66	.7	1.6
Syria	1964-66	.7	1.6
Turkey	1964-66	1.8	4.0
Yemen Arab Republic	1964-66	.4	.8
Yemen (Aden)	1964-66	11.0	24.1
Far East:			
Burma	1964-66	5.1	11.3
Ceylon	1970	6.2	13.7
China, Peoples Republic of (Mainland)	1964-66	3.6	8.0
China, Republic of (Taiwan)	1969	15.0	33.0
Hong Kong	1964-66	21.2	46.7
India	1969-70	1.1	2.4
Indonesia	1970	4.0	8.9
Japan	1970	32.1	70.8
Cambodia (Khmer Republic)	1964-66	20.1	44.3
Korea, North	1964-66	7.3	16.1
Korea, Republic of	1969	9.9	21.7
Laos	1964-66	.4	.8
Malaysia:			
Sabah	1964-66	23.4	51.5
Sarawak	1964-66	12.8	28.2
West Malaysia	1964-66	10.6	23.3
Nepal	1964-66	.4	.8
Pakistan	1969-70	1.8	4.0
Philippines	1969	19.7	43.5
Singapore	1964-66	17.5	38.6
Thailand	1964-66	8.8	19.3
Vietnam, North	1964-66	5.5	12.1
Vietnam, South	1964-66	11.7	25.7
Africa:			
Algeria	1964-66	.7	1.6
Angola	1964-66	4.0	8.9
Burundi	1970	1.5	3.2
Cameroon	1964-66	4.7	10.5
Central African Republic	1964-66	3.6	8.0

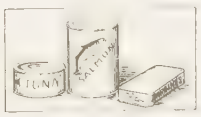
(Continued on next page)

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY, LATEST AVAILABLE DATA - Continued

Region and country	Period	Estimated edible weight	
		Kilograms	Pounds
Africa - Continued:			
Chad	1964-66	6.9	15.3
Congo (Brazzaville)	1964-66	11.3	24.9
Dahomey	1964-66	3.6	8.0
Gabon	1964-66	8.8	19.3
Gambia	1964-66	9.5	20.9
Ghana	1966-68	4.7	10.5
Guinea	1964-66	1.8	4.0
Ivory Coast	1964-66	5.8	12.9
Kenya	1970	1.5	3.2
Liberia	1964-66	5.1	11.3
Madagascar	1970	3.6	8.0
Malawi	1970	1.8	4.0
Mali	1964-66	3.3	7.2
Mauritania	1964-66	6.2	13.7
Mauritius	1970	5.1	11.3
Morocco	1964-66	1.5	3.2
Mozambique	1964-66	1.1	2.4
Niger	1964-66	.4	.8
Nigeria	1969	5.1	11.3
Rhodesia	1964-66	1.1	2.4
Senegal	1964-66	12.8	28.2
Sierra Leone	1964-66	6.6	14.5
Somali Republic	1964-66	.4	.8
South Africa, Republic of	1964-66	4.4	9.7
Tanzania	1970	3.6	8.0
Togo	1964-66	2.6	5.6
Tunisia	1964-66	2.2	4.8
Uganda	1964-66	4.0	8.9
Upper Volta	1964-66	.7	1.6
Zaire	1964-66	3.3	7.2
Zambia	1964-66	4.7	10.5
Oceania:			
Australia	1969-70	5.8	12.9
New Zealand	1970	6.6	14.5

Note:--Data for most countries are tentative. With the exception of the U.S. figures, these figures are the same as published in the previous report. Updated FAO data are not available.

Source:--Production Yearbook,1971, Volume 25, Food and Agriculture Organization of the United Nations, except as noted.



NUMBER OF FULL-TIME AND PART-TIME COMMERCIAL FISHERMEN, BY STATE, 1973 1/

State	Full-time	Part-time	Total
	Number		
Alabama	2,050	550	2,600
Alaska	14,720	3,680	18,400
Arkansas	380	2,410	2,790
California	6,048	5,152	11,200
Connecticut	251	572	823
Delaware	156	464	620
Florida	10,200	2,300	12,500
Georgia	760	830	1,590
Hawaii	1,363	330	1,693
Idaho	4	100	104
Illinois	90	275	365
Indiana	17	88	105
Iowa	112	344	456
Kansas	-	22	22
Kentucky	105	550	655
Louisiana	9,200	3,350	12,550
Maine	7,079	8,307	15,386
Maryland	4,900	8,950	13,850
Massachusetts	3,445	4,510	7,955
Michigan	164	188	352
Minnesota	115	612	727
Mississippi	1,885	522	2,407
Missouri	44	408	452
Montana	16	4	20
Nebraska	21	120	141
New Hampshire	72	425	497
New Jersey	1,605	1,088	2,693
New York	2,350	3,277	5,627
North Carolina	2,290	1,615	3,905
North Dakota	12	-	12
Ohio	55	279	334
Oklahoma	20	35	55
Oregon	1,070	3,520	4,590
Pennsylvania	8	23	31
Rhode Island	1,093	995	2,088
South Carolina	746	834	1,580
South Dakota	16	48	64
Tennessee	260	675	935
Texas	6,610	7,285	13,895
Virginia	4,927	1,226	6,153
Washington	2,650	6,465	9,115
West Virginia	-	6	6
Wisconsin	294	809	1,103
Wyoming	2	4	6

1/ All data are estimated. See Glossary for definitions of "full-time" and "part-time" commercial fishermen.

ADDITIONS TO THE U.S. COMMERCIAL FISHING FLEET, 1972

Gross tonnage	By tonnage groups									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
5 - 9.	16	5	90	7	13	101	-	-	-	232
10 - 19.	25	5	42	17	75	199	2	-	-	365
20 - 29.	10	2	1	18	42	52	2	-	-	127
30 - 39.	3	1	1	10	14	51	1	-	-	81
40 - 49.	2	1	1	4	10	21	-	-	-	39
50 - 59.	1	2	1	8	2	7	-	-	-	21
60 - 69.	-	1	-	10	9	9	-	-	-	29
70 - 79.	-	-	-	3	2	3	-	-	1	9
80 - 89.	1	-	-	3	15	5	-	-	-	24
90 - 99.	-	-	-	9	68	3	-	-	-	80
100 - 109.	1	-	-	1	34	2	-	1	-	39
110 - 119.	-	-	-	1	26	5	-	-	-	32
120 - 129.	-	1	-	3	12	3	-	-	-	19
130 - 139.	-	-	-	-	14	4	-	-	-	18
140 - 149.	-	-	-	-	3	-	-	-	-	3
150 - 159.	-	1	1	-	1	2	-	-	-	5
160 - 169.	-	-	-	-	4	2	-	-	-	6
170 - 179.	-	-	-	-	1	-	-	-	-	1
190 - 199.	1	-	-	-	1	5	-	-	-	7
230 - 239.	-	-	-	-	-	1	-	-	-	1
530 - 539.	-	-	-	-	2	-	-	-	-	2
670 - 679.	-	-	-	-	-	1	-	-	-	1
800 - 809.	-	-	-	-	-	1	-	-	-	1
870 - 879.	-	-	-	-	-	-	-	-	1	1
900 - 909.	-	-	-	-	-	-	1	-	-	1
910 - 919.	-	-	-	-	-	1	-	-	-	1
930 - 939.	-	-	-	-	-	-	-	-	1	1
990 - 999.	-	-	-	-	-	2	-	-	2	4
1060 - 1069.	-	-	-	-	-	-	-	-	1	1
1240 - 1249.	-	-	-	-	-	1	-	-	-	1
1470 - 1479.	-	-	-	-	-	-	-	-	1	1
1560 - 1569.	-	-	-	-	-	-	-	-	1	1
2000 - 2009.	-	-	-	-	-	1	-	-	-	1
Total vessels . .	60	19	137	94	348	482	6	1	8	1,155
Gross tonnage .	1,360	667	1,471	4,261	24,331	20,424	1,035	109	7,975	61,633

Length in feet	By length distribution									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
20 - 29.	9	1	2	5	7	148	-	-	-	172
30 - 39.	31	8	111	26	85	175	3	-	-	439
40 - 49.	11	3	20	21	56	87	1	-	-	199
50 - 59.	5	3	3	16	13	33	1	-	-	74
60 - 69.	3	3	1	23	139	18	-	1	1	189
70 - 79.	-	1	-	3	42	6	-	-	-	52
80 - 89.	-	-	-	-	2	2	-	-	-	4
90 - 99.	-	-	-	-	-	5	-	-	-	5
100 - 109.	1	-	-	-	1	-	-	-	-	2
110 - 119.	-	-	-	-	1	-	-	-	-	1

(Continued on next page)

ADDITIONS TO THE U.S. COMMERCIAL FISHING FLEET, 1972 - Continued

Length in feet	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	By length distribution - Continued									
	Number									
120 - 129.	-	-	-	-	-	1	-	-	-	1
160 - 169.	-	-	-	-	2	-	-	-	-	2
170 - 179.	-	-	-	-	-	3	-	-	1	4
180 - 189.	-	-	-	-	-	1	-	-	1	2
190 - 199.	-	-	-	-	-	1	1	-	3	5
220 - 229.	-	-	-	-	-	-	-	-	1	1
230 - 239.	-	-	-	-	-	-	-	-	1	1
250 - 259.	-	-	-	-	-	1	-	-	-	1
370 - 379.	-	-	-	-	-	1	-	-	-	1
Total vessels . .	60	19	137	94	348	482	6	1	8	1,155

Horse-power	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	By horsepower distribution									
	Number									
Under 100. .	2	1	4	4	7	61	-	-	-	79
100 - 199.	25	5	39	24	77	156	4	-	-	330
200 - 299.	16	4	50	24	51	125	1	-	1	272
300 - 399.	16	5	37	30	178	85	-	-	-	351
400 - 499.	-	1	5	5	22	22	-	-	-	55
500 - 599.	-	2	1	3	5	14	-	-	-	25
600 - 699.	1	-	-	3	3	6	-	-	-	13
700 - 799.	-	-	1	1	2	4	-	-	-	8
800 - 899.	-	-	-	-	-	2	-	1	-	3
900 - 999.	-	-	-	-	-	1	-	-	-	1
1000 - 1099.	-	-	-	-	-	2	-	-	-	2
1200 - 1299.	-	-	-	-	1	-	-	-	-	1
1300 - 1399.	-	1	-	-	-	-	-	-	-	1
1500 - 1599.	-	-	-	-	2	-	-	-	-	2
3500 - 3599.	-	-	-	-	-	-	-	-	1	1
3600 - 3699.	-	-	-	-	-	4	1	-	4	9
4300 - 4399.	-	-	-	-	-	-	-	-	1	1
6000 - 6099.	-	-	-	-	-	-	-	-	1	1
Total vessels . .	60	19	137	94	348	482	6	1	8	1,155

Year built	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	By year built									
	Number									
1901	-	1	-	-	-	-	-	-	-	1
1912	-	-	-	-	-	1	-	-	-	1
1915	-	-	-	-	-	1	-	-	-	1
1916	-	-	-	-	-	1	-	-	-	1
1917	-	-	-	-	-	2	-	-	-	2
1919	-	-	-	-	-	4	-	-	-	4

(Continued on next page)

ADDITIONS TO THE U.S. COMMERCIAL FISHING FLEET, 1972 - Continued

Year built	By year built - Continued									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
1920	-	-	-	-	-	3	-	-	-	3
1924	-	-	2	-	-	-	-	-	-	2
1925	-	-	1	-	-	6	-	-	-	7
1927	-	-	-	-	-	3	-	-	-	3
1928	-	-	-	-	-	5	-	-	-	5
1929	-	-	2	-	-	2	-	-	-	4
1930	-	-	-	1	-	-	-	-	-	1
1931	-	-	-	-	-	1	-	-	-	1
1932	-	-	1	-	-	-	-	-	-	1
1933	-	-	-	-	-	2	-	-	-	2
1934	-	-	-	-	-	1	1	-	-	2
1935	-	-	1	1	1	1	-	-	-	4
1936	-	-	2	-	-	1	-	-	-	3
1937	-	-	1	-	-	2	-	-	-	3
1938	-	-	1	1	1	-	-	-	-	3
1939	-	-	3	-	1	-	-	-	-	4
1940	1	-	-	-	-	5	-	-	-	6
1941	-	-	2	-	-	2	-	-	-	4
1942	-	-	-	-	-	5	-	-	-	5
1943	1	1	2	-	-	6	-	-	-	10
1944	-	-	2	-	2	9	-	-	-	13
1945	1	-	-	-	1	11	-	-	-	13
1946	1	-	-	-	2	4	-	-	-	7
1947	-	-	1	1	3	2	-	-	-	7
1948	-	-	4	1	1	2	-	-	-	8
1949	-	-	1	1	-	3	-	-	-	5
1950	-	-	5	-	1	1	-	-	-	7
1951	-	-	3	-	1	1	-	-	-	5
1952	-	1	4	-	-	1	-	-	-	6
1953	1	-	3	-	1	2	-	-	-	7
1954	-	-	1	1	2	4	-	-	1	9
1955	1	1	5	-	1	5	1	-	-	14
1956	-	-	2	-	-	1	-	-	-	3
1957	-	-	1	-	-	1	-	-	-	2
1958	-	-	5	-	-	2	-	-	-	7
1959	-	1	2	1	1	4	-	-	-	9
1960	-	-	1	-	-	6	-	-	-	7
1961	1	-	2	-	-	3	-	-	-	6
1962	1	-	-	-	2	2	-	-	-	5
1963	-	-	4	-	-	4	-	-	-	8
1964	-	-	-	-	1	4	-	-	-	5
1965	1	1	3	-	-	3	-	-	-	8
1966	3	-	-	-	1	5	-	-	-	9
1967	-	-	4	-	4	2	-	-	-	10
1968	-	-	1	-	2	4	-	-	-	7
1969	-	-	2	-	2	4	-	-	-	8
1970	1	-	2	2	4	6	-	-	-	15
1971	4	2	22	5	20	47	2	1	-	103
1972	43	11	38	79	293	280	2	-	7	753
Unknown	-	-	1	-	-	5	-	-	-	6
Total vessels	60	19	137	94	348	482	6	1	8	1,155

Note:--The above data represent the number of vessels receiving first documentation or were redocumented in 1972 by the U.S. Coast Guard with their service classed as fishing. It is possible that not all of the above vessels actually engaged in fishing. Fifty-four vessels were redocumented during 1972. Source:--U.S. Coast Guard.

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1972 AND 1971

Area and State	1972									1971		
	Processing			Wholesale			Total			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year		Season	Year
	Number											
New England:												
Maine	97	4,610	3,157	144	422	299	241	5,032	3,456	242	5,015	3,229
New Hampshire	10	337	286	3	14	9	13	351	295	13	425	358
Massachusetts	107	4,482	3,876	99	942	851	206	5,424	4,727	212	5,561	4,777
Rhode Island	13	248	207	19	114	94	32	362	301	32	306	254
Connecticut	4	27	17	4	16	13	8	43	30	8	41	34
Total	231	9,704	7,543	269	1,508	1,266	500	11,212	8,809	507	11,348	8,652
Middle Atlantic:												
New York	44	1,273	1,157	170	1,236	1,236	214	2,509	2,393	219	2,451	2,332
New Jersey	42	2,014	1,789	60	317	277	102	2,331	2,066	108	2,322	1,887
Pennsylvania	17	1,187	1,110	20	188	188	37	1,375	1,298	40	1,301	1,167
Delaware	5	449	349	8	34	33	13	483	382	16	360	269
Total	108	4,923	4,405	258	1,775	1,734	366	6,698	6,139	383	6,434	5,655
Chesapeake:												
Maryland	101	3,853	2,835	95	466	408	196	4,319	3,243	207	4,824	3,735
Virginia	153	5,504	3,692	78	273	250	231	5,777	3,942	248	5,946	4,161
Total	254	9,357	6,527	173	739	658	427	10,096	7,185	455	10,770	7,896
South Atlantic:												
North Carolina	81	2,068	1,227	107	436	302	188	2,504	1,529	174	2,310	1,400
South Carolina	22	757	635	54	319	180	76	1,076	815	75	1,019	764
Georgia	13	1,783	1,596	41	310	171	54	2,093	1,767	51	2,167	1,814
Florida, East Coast	46	1,457	1,313	81	223	214	127	1,680	1,527	143	1,696	1,518
Total	162	6,065	4,771	283	1,288	867	445	7,353	5,638	443	7,192	5,496
Gulf:												
Florida, West Coast	118	3,973	3,409	164	568	478	282	4,541	3,887	299	4,895	4,051
Alabama	51	1,732	1,158	12	350	165	63	2,082	1,323	62	2,182	1,247
Mississippi	42	1,564	1,087	20	142	79	62	1,706	1,166	62	1,745	1,100
Louisiana	124	4,775	3,262	105	538	410	229	5,313	3,672	236	5,306	3,508
Texas	82	3,328	2,561	78	1,065	708	160	4,393	3,269	159	4,844	3,478
Total	417	15,372	11,477	379	2,663	1,840	796	18,035	13,317	818	18,972	13,456

(Continued on next page)

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1972 and 1971 - Continued

Area and State	1972									1971		
	Processing			Wholesale			Total			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year		Season	Year
	Number											
Pacific:												
Alaska 1/	223	8,391	3,500	-	-	-	223	8,391	3,500	192	8,502	3,500
Washington	88	2,632	1,796	14	354	253	102	2,986	2,049	128	3,315	2,198
Oregon	42	2,798	1,974	4	15	13	46	2,813	1,987	50	3,119	2,229
California	94	8,254	6,854	80	801	720	174	9,055	7,574	181	9,581	7,560
Total	447	22,075	14,124	98	1,170	986	545	23,245	15,110	551	24,517	15,487
Great Lakes:												
New York	5	80	75	14	135	127	19	215	202	21	193	176
Pennsylvania	3	21	17	2	2	2	5	23	19	6	25	20
Ohio	14	608	489	13	92	78	27	700	567	28	552	490
Illinois	14	581	526	25	424	390	39	1,005	916	40	889	811
Indiana	-	-	-	3	24	22	3	24	22	3	16	15
Michigan	25	253	223	22	186	164	47	439	387	49	405	342
Minnesota	4	109	48	3	6	6	7	115	54	7	112	47
Wisconsin	27	325	280	8	82	79	35	407	359	37	361	324
Total	92	1,977	1,658	90	951	868	182	2,928	2,526	191	2,553	2,225
Mississippi River:												
Alabama and Arkansas	6	218	178	33	224	207	39	442	385	41	303	262
Illinois	12	34	29	23	136	130	35	170	159	39	94	94
Indiana	-	-	-	10	131	121	10	131	121	12	106	95
Iowa	7	78	57	12	118	101	19	196	158	20	154	130
Kansas, Kentucky, and Nebraska	3	196	171	25	158	150	28	354	321	27	316	294
Louisiana	17	182	102	22	86	76	39	268	178	39	271	186
Minnesota	5	100	72	11	35	32	16	135	104	17	139	120
Mississippi and Texas	7	442	376	39	162	160	46	604	536	46	637	496
Missouri	4	227	187	28	280	274	32	507	461	33	315	292
North Dakota, South Dakota, and Oklahoma	3	13	10	18	54	53	21	67	63	21	75	64
Ohio	-	-	-	5	9	9	5	9	9	5	9	9
Tennessee	3	19	12	39	123	117	42	142	129	40	144	134
Wisconsin	9	115	88	14	237	218	23	352	306	23	178	171
Total	76	1,624	1,282	279	1,753	1,648	355	3,377	2,930	363	2,741	2,347

See footnote at end of table.

(Continued on next page)

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1972 and 1971 - Continued

Area and State	1972									1971		
	Processing			Wholesale			Total			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year		Season	Year
	Number											
Other:												
Hawaii and American Samoa	26	3,336	3,033	16	193	193	42	3,529	3,226	46	1,801	1,693
Puerto Rico	5	4,795	4,084	-	-	-	5	4,795	4,084	4	4,443	3,117
Total	31	8,131	7,117	16	193	193	47	8,324	7,310	50	6,244	4,810
Grand Total	1,818	79,228	58,904	1,845	12,040	10,060	3,663	91,268	68,964	3,761	90,771	66,024

1/ Data partly estimated for employment for the year.

PLANTS PRODUCING CANNED AND INDUSTRIAL FISHERY PRODUCTS, AND FISH FILLETS AND STEAKS, 1973

Area and State	Canned fishery products	Industrial fishery products	Fish fillets and steaks	Total plants, exclusive of duplication
			Number	
New England:				
Maine	20	8	9	36
Massachusetts	4	2	46	52
Rhode Island	-	-	1	1
Connecticut	-	-	1	1
Total	24	10	57	90
Middle Atlantic:				
New York	7	-	17	24
New Jersey	11	4	4	19
Pennsylvania	3	1	-	4
Delaware	2	-	-	2
Total	23	5	21	49
Chesapeake:				
Maryland	3	4	-	7
Virginia	4	8	5	16
Total	7	12	5	23
South Atlantic and Gulf:				
North Carolina	4	13	5	20
South Carolina	2	-	3	5
Georgia	-	1	1	2
Florida	3	5	16	24
Alabama	-	1	3	4
Mississippi	10	4	-	14
Louisiana	18	22	1	39
Texas	-	1	1	2
Total	37	47	30	110
Great Lakes and Mississippi River:				
Illinois	1	-	16	17
Iowa	-	2	2	3
Kansas	1	-	-	1
Michigan	1	1	15	17
Minnesota	-	-	6	6
Nebraska	1	-	-	1
New York	-	-	4	4
Ohio	-	-	9	9
Pennsylvania	-	-	3	3
Wisconsin	2	1	21	24
Total	6	4	76	85
Pacific:				
Alaska	53	1	-	54
Washington	35	8	13	56
Oregon	13	4	9	26
California	14	15	19	41
Total	115	28	41	177
Hawaii	1	-	-	1
American Samoa	2	2	-	2
Puerto Rico	5	4	-	5
Grand total	220	112	230	542

EMPLOYMENT, CRAFT, AND PLANTS

EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS, VARIOUS YEARS, 1930-70

Item	1930	1940	1950	1960	1970
			Number		
Persons employed:					
Fishermen	119,716	124,795	161,463	130,431	140,538
Processing and wholesaling 1/	78,996	90,215	102,015	93,625	86,813
Total	198,712	215,010	263,478	224,056	227,351
Craft utilized:					
Vessels 2/	4,374	5,562	11,496	12,018	13,591
Motor boats	35,437	31,055	46,067	56,889	71,570
Other boats	37,961	35,193	34,747	8,150	2,000
Total	77,772	71,810	92,310	77,057	87,161
Vessels documented for fishing:					
First documentation	(3)	320	812	408	792
Redocumentation	(3)	(3)	29	24	30
Total	(3)	(3)	841	432	822
Fishery shore establishments:					
Pacific Coast States	569	579	700	515	510
Atlantic Coast and Gulf States	2,024	2,038	2,699	2,898	2,618
Great Lakes and Mississippi River States	402	438	484	772	564
Other areas	(3)	(3)	(3)	4/ 22	5/ 43
Total	2,995	3,055	3,883	4,207	3,735

1/ Average for season.
2/ Craft 5 net tons and over as documented by U.S. Coast Guard.
3/ Not available.
4/ Hawaii only.
5/ Hawaii, American Samoa, and Puerto Rico.

FISHERY PRODUCTS INSPECTION

PRODUCTS INSPECTED IN CALENDAR YEAR 1973

Region	Federal (contract) inspection		Lot inspection	Total	
	Plants	Products	Products	Products inspected	Production in plants under inspection
	Number		Thousand pounds		
Northeast	19	214,456	7,275	221,731	464,573
Southeast	10	46,675	13,963	60,638	110,065
Southwest	9	13,562	2,866	16,428	29,546
Northwest	2	6,075	6,995	13,070	12,200
Total	40	280,768	31,099	311,867	616,384

Source:--National Marine Fisheries Service, Fishery Products Research and Inspection Division.

FISHERY COOPERATIVES IN THE UNITED STATES, VIRGIN ISLANDS, AND PUERTO RICO, 1973

Region and State	Members	Craft	Functions performed by cooperatives						
			Marketing and purchasing	Marketing exclusively	Collective bargaining exclusively	Purchasing exclusively	Marketing, purchasing, bargaining	Other 1/	Total
			Number						
New England:									
Maine	485	243	4	1	-	2	-	1	8
Massachusetts	927	798	6	-	-	-	-	-	6
Rhode Island	118	50	1	-	-	-	-	-	1
Connecticut	-	-	-	-	-	-	-	1	1
Total	1,530	1,091	11	1	-	2	-	2	16
Middle Atlantic:									
New York	95	95	-	1	-	-	-	1	2
New Jersey	115	61	1	1	-	-	1	-	3
Total	210	156	1	2	-	-	1	1	5
Chesapeake, Virginia	-	-	-	-	-	-	-	1	1
South Atlantic and Gulf:									
South Carolina	10	25	1	-	-	-	-	1	2
Georgia	200	100	1	-	-	-	-	1	2
Florida	286	325	1	4	1	-	-	1	7
Mississippi	375	1	-	1	-	-	-	-	1
Louisiana	109	155	2	1	1	-	-	5	9
Texas	98	132	-	2	-	-	-	1	3
Total	1,078	738	5	8	2	-	-	9	24
Great Lakes and inland areas:									
Arkansas	34	-	-	1	-	-	-	-	1
Minnesota	247	170	1	1	-	-	-	-	2
Ohio	5	5	-	1	-	-	-	-	1
Tennessee	75	-	1	-	-	-	-	-	1
Total	361	175	2	3	-	-	-	-	5
Pacific Coast:									
Alaska	2,622	1,689	6	7	5	1	7	8	34
Washington	2,300	2,168	-	7	-	-	1	1	9
Oregon	16	16	-	1	-	-	-	-	1
California	2,199	757	-	4	4	-	3	-	11
Total	7,137	4,630	6	19	9	1	11	9	55
Hawaii	7	7	1	-	-	-	-	1	2
Puerto Rico	54	5	-	3	-	-	-	-	3
Virgin Islands	-	-	-	-	-	-	-	1	1
Grand total	10,377	6,802	26	36	11	3	12	24	112

1/ No information is available on the functions performed by these cooperatives. The number of members and craft are not available.

Source:--National Marine Fisheries Service, Market Research and Services Division.

GENERAL ADMINISTRATIVE INFORMATION

UNITED STATES DEPARTMENT OF COMMERCE

Washington, D.C. 20235

	Telephone	Location
Secretary of Commerce, Frederick B. Dent	202-967-2113	Commerce
National Oceanic and Atmospheric Administration, Administrator, Robert M. White	202-967-3567	Commerce
National Marine Fisheries Service		
Director, Robert W. Schoning	202-343-4993	Page 2
Deputy Director, Jack W. Gehringer	202-343-4007	Page 2
Assistant to the Director, Steven E. Schanes 8604 La Jolla Shores Dr., La Jolla, CA 92037	714-453-2820 Ext. 250	
Scientific Publications Staff, Thomas A. Manar Rm. 450, 1107 N.E. 45th St., Seattle, WA 98105	206-442-4232	
Executive Officer, Robert K. Crowell	202-343-7687	Page 2
International Activities Staff, Carmen J. Blondin	202-343-4412	Page 2
Plans and Policy Development Staff, Kenneth R. Goodwin	202-343-8211	Page 2
Office of Resource Research, William F. Royce	202-343-8581	Page 2
Resource Assessment Division, Kenneth Sherman	202-343-8392	Page 2
Resource Management Division, (Vacant)	202-343-8562	Page 2
National Systematics Laboratory, Daniel M. Cohen	202-343-5751	Museum
Management Support Division, Fred W. Brooks	202-343-8586	Page 2
Northwest Fisheries Center, Dayton L. Alverson 2725 Montlake Blvd. East, Seattle, WA 98102	206-442-4760	
Southeast Fisheries Center, Harvey R. Bullis, Jr. 75 Virginia Beach Drive, Miami, FL 33149	305-361-5761	
Northeast Fisheries Center, Robert L. Edwards Woods Hole, MA 02543	617-548-5123	
Southwest Fisheries Center, Brian J. Rothschild 8604 La Jolla Shores Dr., La Jolla, CA 92037	714-453-2820	
Atlantic Estuarine Fisheries Center, Theodore R. Rice Pivers Island, P.O. Box 570, Beaufort, NC 28516	919-728-4595	
Office of Resource Utilization, Joseph W. Slavin	202-343-4386	Page 2
Economic Research Division, Hoyt A. Wheeland (Actg)	202-343-7197	Page 2
Extension Division, James F. Murdock	202-343-8325	Page 1
Statistics and Market News Division, B.G. Thompson (Actg)	202-343-6944	Page 2
Market Research and Services Division, Morton M. Miller	202-343-6907	Page 2
Financial Assistance Division, Michael L. Grable	202-343-8896	Page 2
Fishery Products Research and Inspection Division, Harry L. Seagran	202-343-8421	Page 2
Atlantic Fishery Products Technology Center, Louis J. Ronsivalli, Emerson Avenue, Gloucester, MA 01930	617-283-6600	
Pacific Fishery Products Technology Center, Maynard A. Steinberg, 2725 Montlake Blvd., East, Seattle, WA 98102	206-442-7746	
College Park Fishery Products Technology Laboratory, George M. Knobl, Jr.	301-344-4175	CPK 1

(Continued on next page)

	Telephone	Location
Office of Resource Management, Robert F. Hutton	202-343-2184	Page 2
Office of State-Federal Relationship, Richard H. Schaefer	202-343-8438	Page 2
Water Resources Management Division, Yates M. Barber, Jr.	202-343-8845	Page 1
Law Enforcement and Marine Mammal Protection Division, Morris M. Pallozzi	202-343-4543	Page 2

Locations and Mail Addresses

Location Abbreviation	Location	Mailing Address
Commerce	14th St. Between E St. & Constitution Avenue, NW, Washington, DC	Washington, DC 20230
Page 1	2100 Wisconsin Avenue, NW, Washington DC	Washington, DC 20235
Page 2	3300 Whitehaven St., NW, Washington DC	Washington, DC 20235
Museum	10th & Constitution Avenue, NW Washington, DC	Washington, DC 20560
CPK 1	Regents Drive, University of Maryland Campus, College Park, MD	College Park, MD 20740

REGIONAL OFFICES

Northwest Region

Donald R. Johnson, Director
1700 Westlake Avenue, North
Seattle, WA 98109
Telephone: 206-442-7575

Northeast Region

Russell T. Norris, Director
Federal Building
14 Elm St.
Gloucester, MA 01930
Telephone: 617-281-0640

Southeast Region

William H. Stevenson, Director
9450 Gandy Blvd., North, Duval Bldg.
St. Petersburg, FL 33702
Telephone: 813-893-3142

Southwest Region

Gerald V. Howard, Director
300 South Ferry St.
Terminal Island, CA 90731
Telephone: 213-548-2575

Alaska Region

Harry L. Rietze, Director
P.O. Box 1668
Juneau, AK 99801
Telephone: 907-586-7223

(Continued on next page)

GENERAL ADMINISTRATIVE INFORMATION

STATISTICS AND MARKET NEWS DIVISION FIELD OFFICES

		Telephone
NEW ENGLAND		
Eastport, ME 04631	J.P. Wentworth, 27 Washington St.	207-853-4386
Portland, ME 04111	R.C. Morrill, Custom House	207-775-3131 Ext. 322
Rockland, ME 04841	R.C. Barnard, Federal Bldg.	207-594-5969
*Boston, MA 02210	J.J. O'Brien, Rm.10, Commonwealth Pier	617-542-6070
Gloucester, MA 01930	F. Riley, P.O. Box 100	617-283-3420
New Bedford, MA 02740	R.T. Whittaker, U.S. Custom House	617-997-0721 Ext. 256
Provincetown, MA 02657	T.R. Dawley, P.O. Bldg., Box 91	617-487-0868
Woods Hole, MA 02543	R.L. Schultz, P.O. Box 6	617-548-5123 Ext. 12
Narragansett, RI 02882	D.G. Deuel, R.F.D. #2, P.O. Box 522-A	401-789-9326
Newport, RI 02840	W.J. Murphy, Rm.254, P.O. Bldg.	401-847-3115
Pt. Judith, RI 02882	R.L. Benway, P.O. Box 775	401-783-7797
MIDDLE ATLANTIC		
*New York, NY 10014	J.F. Ledner, 201 Varick St.	212-620-3404
Patchogue, NY 11772	F.C. Blossom, P.O. Box 606	516-475-6988
Toms River, NJ 08753	E.A. LoVerde, P.O. Box 143	201-349-3533
CHESAPEAKE		
*Baltimore, MD 21202	E.A. Hardy, Rm. 419, 40 South Gay St.	301-962-4272
Easton, MD 21601	W.E. Brey, P.O. Box 356	301-822-6976
*Hampton, VA 23369	W.N. Kelly, P.O. Bldg., P.O. Box 447	804-723-3360
SOUTH ATLANTIC AND GULF		
Beaufort, NC 28516	H.S. Davis, Pivers Island, P.O. Box 500	919-728-4595 Ext. 39
Savannah, GA 31402	H.F. Prytherch, Jr., Rm. 215, P.O. Bldg., P.O. Box 8143	912-232-4321
Apalachicola, FL 32320	P.E. Thompson, P.O. Bldg., P.O. Drawer 189	904-653-5000
Fort Myers, FL 33902	J.E. Naughton, Rm. 311, P.O. Box 217, New Federal Bldg.	813-334-4364
Key West, FL 33040	P.W. Maley, P.O. and Custom House Bldg., P.O. Box 269	305-294-1921
Miami, FL 33149	L.E. Johnson, 75 Virginia Beach Dr.	305-361-5761
Tampa, FL 33605	H.M. Flowers, Jr., 1516 Port Ave., Hookers Point	813-228-2609
Bayou La Batre, AL 36509	D.J. Bond, P.O. Box 591, D&H Furniture Bldg.	205-824-4149
Ocean Springs, MS 39564	H.G. Hague, Gulf Coast Research Lab., P.O. Drawer AG	601-875-5345
Golden Meadow, LA 70357	M.P. Duet, 1614 S. Bayou Dr.	504-475-7072
Houma, LA 70360	L.J. Usie, 1626 Barrow St.	504-872-3321
*New Orleans, LA 70130	E.J. Barry, Rm. 412, 546 Carondelet St.	504-527-6151
Morgan City, LA 70380	D.P. Delaune, P.O. Box 1817	504-385-2067
Aransas Pass, TX 78336	T.N. Scott, Jr., Conn Brown Harbor, P.O. Drawer EE	512-758-3787
Brownsville, TX 78520 (Port Isabel agent)	O.L. Higgins, Harbor Masters Bldg., Shrimp Basin, P.O. Box 467	512-831-4050
Brownsville, TX 78520	W.S. Schiwetz, Harbor Masters Bldg., Shrimp Basin, P.O. Box 467	512-831-4050
Freeport, TX 77541	W. Laming, Brazosport Savings Center, P.O. Box 2533	713-233-4551
Galveston, TX 77550	O.H. Farley, Bldg. 302, Fort Crockett	713-763-1211 Ext. 505
Galveston, TX 77550	J.W. Morgan, Rm. 322, Custom House Bldg., 17th and Strand	713-763-1211 Ext. 105
Port Arthur, TX 77640	L.L. Singleton, Federal Office Bldg., Rm. 14-C	713-985-7871
St. Petersburg, FL 33702	P.J. Hooker, Duval Bldg., 9450 Gandy Blvd.	813-893-3151

(Continued on next page)

STATISTICS AND MARKETS NEWS DIVISION FIELD OFFICES - Continued

		Telephone
	PACIFIC COAST	
Juneau, AK 99801	H. Jimmie, P.O. Box 1668	907-586-7224
*Seattle, WA 98104	V.J. Samson, 7018 Federal Office Bldg., 909 First Ave.	206-442-5230
*Terminal Island, CA 90731	J.R. Bybee, Rm. 2016, Customs House, 300 S. Ferry St., Box 3266	213-548-2571
	GREAT LAKES AND MISSISSIPPI RIVER AREA	
Little Rock, AR 72201	U.S. Post Office and Courts Bldg., Rm. 53, 600 West Capitol Ave.	501-378-5888
*Chicago, IL 60607	A.A. Autin, 610 Canal St.	312-353-5772
Ann Arbor, MI 48107	H.J. Buettner, P.O. Box 648	313-769-7100 Ext. 669
Camden, TN 38320	E.C. Allen, 118 Forest Ave. South, P.O. Box 252	901-584-4429
	HAWAII	
Honolulu, HI 96812	Robert T.B. Iverson, P.O. Box 3830	808-946-2181

*Market News Office

PUBLICATIONS

A partial list of National Marine Fisheries Service (NMFS) publications is shown on this page and the two that follow. Information on other publications produced by NMFS may be obtained from:

Technical Information Division, D83
Environmental Data Service, NOAA
Washington, D.C. 20235

PUBLICATIONS AVAILABLE FROM SUPERINTENDENT OF DOCUMENTS

A limited number of the publications shown on this page are made available for free distribution to Government agencies, research organizations, State fishery departments, and other groups having special interests in fishery statistics. Persons or organizations not meeting these qualifications can purchase copies from:

Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

1970 Salt-Water Angling Survey

The most recent survey of the U.S. marine recreational fisheries is shown in the 1970 Salt-Water Angling Survey, Current Fishery Statistics Number 6200. This publication shows estimates of the number of marine recreational fishermen and data, by species, on the number and weight of fish in the catch.

Fisheries of the United States and Fishery Statistics of the United States (Statistical Digest)

Fisheries of the United States is a preliminary review of annual commercial fishery statistics. It includes data on U.S. commercial landings and the marine recreational fisheries catch, production of processed products, foreign trade, supply, prices, per capita consumption, and employment. Fishery Statistics of the United States (Statistical Digest) is a final report on the commercial fisheries showing more detailed data than in the foregoing publication.

Market Review and Outlook

The publications listed below, which are in the Current Economic Analysis series, contain analyses of the factors affecting prices of commercial fishery products. The reports have text plus tabular data and charts. Each of the following reports is published three times a year.

Shellfish Market Review and Outlook
Food Fish Market Review and Outlook
Industrial Fishery Products Market Review and Outlook

SUBSCRIPTIONS AVAILABLE FROM NATIONAL MARINE FISHERIES SERVICE

The reports listed on this page are in the Current Fisheries Statistics (CFS) series. They are statistical bulletins on U.S. commercial fishery landings and on the manufacture and commerce of fishery products. The bulletins listed below are prepared by:

Statistics and Market News Division, F23
National Marine Fisheries Service, NOAA
Washington, D.C. 20235

Check desired publications

The following are preliminary bulletins on commercial landings by species. They are issued monthly and annually.

( )	NA-1	Maine Landings	( )	SA-1	Maryland Landings
( )	NA-2	Massachusetts Landings	( )	SA-2	Virginia Landings
( )	NA-3	Rhode Island Landings	( )	SA-3	North Carolina Landings
( )	NA-4	New York Landings	( )	SA-4	South Carolina Landings
( )	NA-5	New Jersey Landings	( )	SA-5	Georgia Landings
( )	GC-1	Florida Landings	( )	GC-4	Louisiana Landings
( )	GC-2	Alabama Landings	( )	GC-5	Texas Landings
( )	GC-3	Mississippi Landings	( )	GC-6	Shrimp Landings

( ) GCS Gulf Coast Shrimp Data

The bulletins listed below show annual data on U.S. commercial landings, fishermen and operating unit data, and the production of processed products, by States. Statistics published in these sectional summary bulletins are published later in Fishery Statistics of the United States (Statistical Digest) together with text and more detailed information on landings and operating units.

( )	SR-1	New England Fisheries	( )	SR-6	Pacific Coast Fisheries
( )	SR-2	Middle Atlantic Fisheries	( )	SR-7	Hawaii Fisheries
( )	SR-3	Chesapeake Fisheries	( )	SR-8	Great Lakes Fisheries
( )	SR-4	South Atlantic Fisheries	( )	SR-9	Mississippi River Fisheries
( )	SR-5	Gulf Fisheries	( )	SR-10	United States Fisheries (Summary, operating unit, and landings statistics)

The bulletins shown below cover freezings and holdings, the production of various processed products, and the U.S. foreign trade in fishery products. The annual data shown in the publications are later published in Fishery Statistics of the United States (Statistical Digest).

The following are issued as monthly and annual bulletins:

( ) FF Frozen Fishery Products
( ) FM Fish Meal and Oil

The following, with one exception, are only issued annually:

( ) MF-1 Canned Fishery Products
( ) MF-2 Industrial Fishery Products
( ) MF-3 U.S. Production of Fish Fillets and Steaks
( ) MF-4 Processed Fishery Products
( ) MF-5 Fish Sticks, Fish Portions, and Breaded Shrimp (Quarterly and Annual)
( ) MF-6 Imports and Exports of Fishery Products

PUBLICATIONS

CURRENT MARKET INFORMATION

Current fishery market information is provided by the NMFS from five Fishery Market News offices. These offices issue Market News Reports and provide other services including recorded reports of current market information at seven telephone message centers.

Market News Reports

These reports are issued three times a week and contain data on landings, market receipts, cold storage supplies, exvessel prices, wholesale prices, foreign trade information, current market developments, and other information on selected fishery product markets in the United States and foreign countries. The New York report specializes in wholesale prices for fishery products traded in New York merchandizing centers. The Boston report carries the fish auction prices, other ex-vessel prices, landings in selected New England and Middle Atlantic ports, Chicago market receipts and market prices. The New Orleans report carries Gulf shrimp landings and exvessel prices. The Terminal Island report specializes in data specific to the tuna industry. The Seattle report carries information on the halibut and salmon fisheries in the Northwestern United States and Alaska, and data for Canadian fisheries.

To become a subscriber to the Market News Reports, which are free of charge, write to the address of the office issuing the report desired. (The addresses are on pages 94 and 95 and are marked with an asterisk.)

Telephone Message Centers

Recorded current market information is available around the clock at the telephone numbers listed below:

Fishery Market News Message Center		Information Provided
Boston, Mass.	(617)-542-7878	Landings and exvessel prices at Boston, Gloucester, and New Bedford, Mass.
Chicago, Ill.	(312)-353-8484	Shrimp landings and exvessel prices at Brownsville, Tex., and shrimp landings at Port Isabel, Tex.
Gloucester, Mass.	(617)-283-1101	Landings and exvessel prices at Boston, Gloucester, and New Bedford, Mass.
Hampton, Va.	(804)-723-0303	Landings and exvessel prices for New Bedford and Boston, Mass., and the Fulton Market in New York, announced from 10:30 a.m. to 3:00 p.m., Monday through Thursday. Wholesale prices for sales at Baltimore, Md., and New York Fulton Market announced 3:30 p.m. until 10:00 a.m. the following day, Monday through Thursday. Friday only, weekly summary of landings in the Hampton Roads area.
New Bedford, Mass.	(617)-993-5000	Landings and exvessel prices at New Bedford, Mass.
New York, N.Y.	(212)-620-3577	Landings and exvessel prices at New York City; Boston, Gloucester, and New Bedford, Mass., announced 10:15 a.m. to 3:00 p.m. Wholesale prices for sales at New York Fulton Market announced 3:15 p.m. to 10:00 a.m., the following day.
New York, N.Y.	(212)-620-3244	Frozen seafood wholesale selling prices and national cold storage holdings.

GLOSSARY

For the data in this publication to be used effectively, the reader must have a clear understanding of the terms associated with the data. Following are definitions of those terms we feel could have different interpretations by our readers.

Boat, motor: A motor-driven commercial fishing craft having a capacity of less than 5 net tons.

Boat, other: Commercial fishing craft not powered by a motor, e.g., row or sailboat, having a capacity of less than 5 net tons.

Breaded shrimp: Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; and as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces, whole shrimp, or a combination of both without fins or shells

Breading: A finely ground mixture containing cereal products, flavorings, and other ingredients, that is applied to a product that has been moistened, usually with batter.

Butterfly fillets: The two skin-on sides of the fish corresponding to two single fillets held together by the uncut flesh and skin of the belly.

Canned fishery products: Fish, shellfish, or other aquatic animals packed singly or in combination with other items in hermetically sealed, heat sterilized cans, jars, or other suitable containers. Most, but not all, canned fishery products can be stored at room temperature for an indefinite period of time without spoiling.

Catch, marine recreational fish: Quantities of finfish, shellfish, and other living aquatic organisms caught, but not necessarily brought ashore, by recreational marine fishermen.

Commercial fisherman: An individual who derives income from catching and selling living resources taken from fresh- or salt-water bodies.

Consumption (of edible fishery products): Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible weight basis and have been adjusted for beginning and ending inventories of edible fishery products; U.S. production of fishery products from both domestically-caught and imported fish, shellfish and other edible aquatic plants and animals; imports; exports; purchases by the U.S. armed forces; and shipments to U.S. territories.

Cured fishery products: Products preserved by drying, pickling, salting, and smoking. Does not include canned, frozen, irradiated, or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine); smoked products are cured with smoke or a combination of smoking and drying or salting.

Exvessel price: Price received by a fisherman for fish, shellfish and other aquatic plants and animals landed at the dock.

Fish block: Boneless or virtually boneless fish flesh frozen into blocks weighing over 10 pounds and suitable for the production of fish sticks and portions.

Fish fillets: The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be specified as "boneless fillets."

GLOSSARY

Fish meal: A ground, dried product made from fish or shellfish or parts thereof, generally produced by cooking raw fish or shellfish with steam and pressing the material to obtain the solids which are then dried.

Fish oil: An oil processed from the body (body oil) or liver (liver oil) of fish. Most fish oils are a byproduct of the production of fish meal.

Fish portion: A piece of fish flesh generally of uniform size with thickness of 3/8 of an inch or more and which does not conform to the definition of a fish stick. A fish portion is generally cut from a fish block.

Fish solubles: A product extracted from the residual press liquor (called "stick water") after the solids are removed for drying (fish meal) and the oil extracted by centrifuging. This residue is generally condensed to 50 percent solids and marketed as "condensed fish solubles."

Fish steak: Cross-section slices cut from large dressed fish. Steaks are usually about 3/4 of an inch thick.

Fish stick: An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a block of fillets.

Fishing craft, commercial: Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

Full-time commercial fisherman: An individual who spends 50 percent or more of his working year in commercial fishing activities, including port activity such as vessel repair, re-rigging, etc.

Groundfish: Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottom fishes, rock fishes and flat fishes. However, the National Marine Fisheries Service generally uses the term in a narrower sense. In this "Fisheries of the United States," the term applies to the following species: cod, cusk, haddock, hake, pollock and Atlantic ocean perch.

Industrial fishery products: Products manufactured from fish, shellfish or other aquatic plants and animals which are not consumed directly by humans, such as fish meal, fish oils, condensed fish solubles, pearl essence, shark and other aquatic animal skins, certain products from sea weeds, and shells.

Landings, commercial: Quantities of fish, shellfish and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on but in some cases only the meats are landed (such as scallops). Data for all mollusks are published on a meat weight basis.

Marine fishing: Fishing for finfish in oceans, bays, estuaries, and tidal portions of rivers. Marine fishing also includes the harvest of shellfish and other living aquatic organisms in these waters.

Packaged fish: A term used to designate U.S. production of fresh or frozen, raw fish fillets and steaks prior to 1972 publications.

Part-time commercial fisherman: An individual who spends less than 50 percent of his working year in commercial fishing activities.

GLOSSARY

Per capita consumption: Consumption of edible fishery products in the United States, divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from Current Population Reports Series P-25, published by the U.S. Bureau of the Census.

Per capita utilization: The utilization of all fishery products both edible and non-edible in the United States, divided by the total population of the United States.

Processed fishery products: Fish, shellfish, and other aquatic plants and animals, and products thereof, preserved by canning, freezing, cooking, dehydrating, drying, fermenting, pasteurizing, adding salt or other chemical substances, and other commercial processes. Also, changing the form of fish, shellfish, or other aquatic plants and animals from their original state into a form in which they are not readily identifiable, such as fillets, steaks, or shrimp logs.

Recreational fishing: Fishing for pleasure, amusement, relaxation, or home consumption. If part or all of the catch is sold, the monetary returns constitute an insignificant part of the fisherman's income.

Recreational fishing day: A day, or any part of a day, spent fishing for recreational purposes.

Recreational marine fishermen: Those people who fish in marine waters primarily for recreational purposes. Their catch is primarily for home consumption, although occasionally a part or all of their catch may be sold and enter commercial channels.

Recreational marine fishing expenditures: That amount of money spent for goods and services used specifically in the pursuit of recreational fishing. Generally these items include (1) food, lodging, and transportion; (2) cost of rental, charter, party and owned boats; (3) fishing equipment; (4) auxiliary equipment; (5) license tags and/or permits; and (6) privilege fees and other miscellaneous items related directly to recreational fishing.

Retail (fish) price: The price of fish, shellfish, and other aquatic plants or animals, and products thereof, sold to the final consumer. Prices charged by food and speciality stores.

Round (live) weight: The weight of fish, shellfish, or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

Utilization of fishery products: Estimated disappearance of the total supply of fishery products both edible and inedible on a round weight basis without taking into consideration beginning or ending stocks, exports, military purchases, or shipments to U.S. territories.

Vessel: A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

Wholesale (fish) price: Price of fish, shellfish and other aquatic plants and animals, and products thereof, charged by manufacturers and other producers for sale generally in large quantities.

(reference gives page numbers)

CLAMS:

Canned, 40
Landings, 20, 24
Price indexes, exvessel, 67, 69
Value of landings, 20, 24

CONSUMPTION, PER CAPITA:

Canned, 76, 77
Cured, 76
Fillets, and steaks, 77
Fish and shellfish, commercially-caught, 76
Fresh and frozen, 76
Salmon, canned, 77
Sardines, canned, 77
Shellfish, canned, 77
Shrimp, raw, 77
Sticks and portions, 77
Tuna, canned, 77
World, by country, 79

CRABS:

Canned, 40, 43, 62
Freezings, 39
Frozen holdings, 39
Imports, 43, 63
Landings, 20, 24
Price indexes, exvessel, 67, 69
Supply, canned, 63
Value of landings, 20, 24

COOPERATIVES, FISHERY, 91

CRAFT, FISHING:

Additions to U.S. fleet, 83
Documentation, 90
Motor boats, 90
Vessels, 90

DISPOSITION OF LANDINGS:

United States, 29
World, 37

DUTIES COLLECTED, 42

EMPLOYMENT:

Establishments, shore, 90
Fishermen, 82, 90
Processing and wholesaling, 86, 90

EXPORTS:

All fishery products, 49, 50
Country of destination, 50
Edible, by years, 49
Important fishery products, 49
Mackerel, canned, 49, 53
Nonedible, by years, 49
Oils, 49, 54, 64
Salmon, canned, 49, 60
Salmon, fresh and frozen, 49, 53
Sardines, canned, 49, 53, 60
Shrimp, canned, 49, 52, 61
Shrimp, fresh and frozen, 49, 52
Shrimp, domestic and foreign products, 52
Squid, canned, 49, 54
Value, by years, 49
Volume, by years, 49

FLOUNDERS:

Foreign shores, landings off, 22
Freezings, 39
Frozen holdings, 39
Landings, 19, 22
Military purchases, 66
Price indexes, exvessel, 67, 69
Price, wholesale, 71
Value of landings, 19, 22

World catch, 37

GROUNDFISH AND OCEAN PERCH:

Fillets, domestic production, 57
Fillets, supply, 57
Foreign shores, landings off, 22, 23
Freezings, 39
Frozen holdings, 39
Imports, 43, 45, 46, 57
Landings, 19, 22, 23
Military purchases, 66
Price indexes, exvessel, 67, 69
Prices, retail, 73
Prices, wholesale, 71
Quota, imports, fillets, 46

World catch, 37

HALIBUT, PACIFIC:

Foreign shores, landings off, 22
Freezings, 39

(Reference gives page numbers)

HALIBUT, PACIFIC - CONTINUED:

Frozen holdings, 39
Imports, 43
Landings, 19, 22
Military purchases, 66
Price, wholesale, 71
Price indexes, exvessel, 67, 69
Value of landings, 19, 22
World catch, 37

HERRING, SEA:

Canned (sardines), 40, 43, 49, 53, 60
Consumption (sardines), per capita, 77
Exports (sardines), 49, 53, 60
Imports (sardines), 43, 60
Landings, 19, 22
Meal, 41
Oil, 41
Prices (sardines), 71, 73
Value of landings, 19, 22
World catch, 37

IMPORTS:

All fishery products, 42, 43, 55, 56
Blocks and slabs, 43, 45
Bonito and yellowtail, canned, 43, 58
Continent and country, by, 44
Crab meat, canned, 43, 63
Duties collected, 42
Edible, 42, 43, 44, 55, 56
Fillets, groundfish and ocean perch, 43, 45, 55
Fillets, other than groundish and ocean perch, 42, 57
Finfish, 56
Halibut, 43
Important fishery products, 43
Industrial, 55, 56
Lobsters, canned, 43
Lobsters, fresh and frozen, 43, 63
Meal and scrap, 43, 48, 64, 65
Nonedible, 42, 43, 55, 56
Oils, 43, 64
Oysters, canned, 42
Quota, groundfish fillets and steaks, 46
Quota, tuna, canned, 46
Salmon, canned, 43, 60
Salmon, fresh and frozen, 43
Sardines, canned, 43, 60
Scallop meats, 43, 62
Shellfish, 56
Shrimp, by country, 47

IMPORTS - CONTINUED:

Shrimp, canned, 48, 61
Solubles, 43, 48, 64, 65
Tuna, canned, 43, 58
Tuna, fresh and frozen, 43, 58
Utilization, per capita, 75
Value, by years, 42, 43, 44, 56, 74

INSPECTION:

Plants under inspection, 90
Products inspected, 90

LANDINGS:

Disposition, 29
Foreign shores, off, 22
Human food (edible), 28, 29, 55, 56
Industrial, 28, 29, 55, 56
Months, by, 29
Ports, certain U.S., 27
Record year, States, 26
Regions, by, 27
Round weight, 55, 56
Sealskins, Pribilof Islands, 30
Species, by, 19, 22
States, by, 26
U.S., 19, 22, 26, 28, 29, 55, 56
U.S., shores, distance from, 22
Utilization, per capita, 75
World, 34, 35, 36, 37

LOBSTERS, AMERICAN (NORTHERN):

Imports, 43
Landings, 20, 24, 63
Price indexes, exvessel, 67, 69
Supply, fresh and frozen, 63
Value of landings, 20, 24

LOBSTERS, SPINY:

Freezings, 39
Frozen holdings, 39
Imports, 43
Landings, 20, 24, 63
Supply, fresh and frozen, 63
Value of landings, 20, 24

(Reference gives page numbers)

MACKEREL:

Canned, 40
Exports, 49, 53
Landings, 19, 22
Meal, 41
Oil, 41
Price, wholesale, 71
Value of landings, 19, 22
World catch, 37

MEAL AND SCRAP:

Herring, 41
Imports, 43, 64, 65
Landings, end use for, 29
Mackerel, 41
Menhaden, 41
Production, U.S., 41, 64
Supply, 64, 65
Tuna, 41
World catch, end use for, 37

MENHADEN:

Landings, 19, 22
Meal, 41
Oil, 41
Price indexes, exvessel, 67, 69
Value of landings, 19, 22

OIL:

Exports, 49, 64
Herring, 41
Imports, 43, 64
Mackerel, 41
Menhaden, 41
Production, 41, 64
Supply, 64
Tuna, 41
World catch, end use for, 37
Years, production by, 41

OYSTERS:

Canned, 40
Imports, 43
Landings, 20, 24
Military purchases, 66
Price, wholesale, 71
Price indexes, exvessel, 67, 69
Value of landings, 20, 24

PLANTS AND FIRMS:

Employment, 86, 90
Establishments, shore, 90
Producing canned and industrial products, and fillets and steaks, 89

PRICES:

CPI (Consumer Price Index), 73
Indexes, consumer, 73
Indexes, exvessel, 67, 69
Indexes, wholesale, 70
Retail, 73
Wholesale, 71

PROCESSING:

Animal food and bait, canned, 40
Bonito and yellowtail, canned, 58
Canned products, 40
Clams, canned, 40
Crab meat, canned, 40, 63
Employment in, 87, 90
Fillets and steaks, fresh and frozen, 38, 57
Freezings, 39
Frozen holdings, 39
Industrial products, 41, 74
Mackerel, jack and Pacific, canned, 40
Meal, 41, 64, 65
Oil, 41, 64
Oysters, canned, 40
Packaged (see fillets and steaks)
Plants, number of, 87, 89, 90
Portions, 38
Salmon, canned, 40, 60
Sardines, canned, 40, 60
Sealskins, Pribilof Islands, 30
Shrimp, breaded, 38
Shrimp, canned, 40, 61
Solubles, 41, 64, 65
Sticks, 38
Tuna, canned, 40, 58
Value, processed products, 74

RECREATIONAL FISHERIES, U.S. MARINE, 31, 32

SALMON:

Canned, 40, 60
Consumption, per capita, 77
Exports, 49, 53, 60
Foreign shores, landings off, 22
Freezings, 39
Frozen holdings, 39
Imports, 43, 60
Landings, 19, 23
Military purchases, 66
Price indexes, exvessel, 67, 69
Prices, wholesale, 71

(Reference gives page numbers)

SALMON - CONTINUED:

Supply, canned, 59
Value of landings, 19, 23

World catch, 37

SARDINES:

Canned, 40, 43, 49, 53, 59
Consumption, per capita, 77
Exports, 49, 53
Imports, 43, 60
Prices, retail, 73
Prices, wholesale, 71
Supply, canned, 59
World catch, 37

SCALLOPS:

Imports, 43, 62
Landings, 20, 24, 62
Military purchases, 66
Price indexes, exvessel, 67, 69
Supply, 62
Value of landings, 20, 24

SHRIMP:

Breaded, 38, 74
Canned, 40, 61
Consumption, per capita, 77
Exports, 49, 50, 52, 61
Foreign shores, landings off, 24
Freezings, 39
Frozen holdings, 39
Imports, 43, 47, 48, 61
Landings, 20, 24, 61
Landings, heads-off, 61
Landings, heads-on, 20, 24, 61
Military purchases, 66
Price indexes, exvessel, 69
Prices, retail, 73
Prices, wholesale, 71
Supply, canned, 61
Supply, fresh and frozen, 60, 61
Value of landings, 20, 24

SUPPLY:

All fishery products, 55, 56
Bonito and yellowtail, canned, 58
Crab meat, canned, 63
Edible fishery products, 55, 56
Fillets, groundfish and ocean perch, 57
Fillets, other than groundfish and ocean perch, 57
Industrial fishery products, 55, 56
Lobsters, fresh and frozen, 63
Meal, 64, 65
Meal and solubles, 64, 65
Oils, 64
Salmon, canned, 59
Sardines, canned, 59
Scallop meat, fresh and frozen, 62
Shrimp, canned, 61
Shrimp, fresh and frozen, 61
Solubles, 64, 65
Tuna, canned, 58
Utilization, per capita, 75

TUNA:

Canned, 40, 43, 46, 58
Consumption, per capita, 77
Foreign shores, landings off, 23
Imports, 43, 46, 58
Landings, 20, 23, 58
Meal, 41
Oil, 41
Price indexes, exvessel, 67, 69
Prices, retail, 73
Prices, wholesale, 71
Quota, imports, canned, 46
Supply, canned, 58
Value of landings, 20, 23

World catch, 37

UTILIZATION, PER CAPITA, 75

VALUE:

Canned products, 40
Duties collected, 42
Exports, 49, 50
Fillets and steaks, 38
Human food, 29, 56
Imports, 42, 43, 44, 56
Industrial landings, 29, 41, 56
Industrial products, 41
Landings, 19, 22, 27, 28, 56, 74
Processor, 74
Retail, 74
Wholesale, 74

(Reference gives page numbers)

VALUE - CONTINUED:

Meal, 41
Military purchases, 66
Oil, 41
Packaged (see fillets and steaks)
Portions, 38
Ports, certain U.S., 27
Processed products, 38, 40, 41, 74

Regions, 27

Sealskins, Pribilof Islands, 30
Shell products, 41
Shrimp, breaded, 38
Sticks, 38
Species, 19, 22
States, by, 26
World catch, 35, 36, 37

WHITING:

Foreign shores, landings off, 23
Freezings, 39
Frozen holdings, 39
Landings, 20, 23
Price indexes, exvessel, 67, 69
Value of landings, 20, 23

WORLD FISHERIES:

Catch by continents, 36
Catch by countries, 34, 35
Catch by major fishing areas, 36
Catch by species groups, 37
Estimated use of catch, 37

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Washington, D.C. 20235

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-210

U.S.MAIL

5196812 005 A 0172 01
AREA DIRECTOR, NMFS
2570 DOLE ST.
P. O. BOX 3830
HONOLULU, HAWAII 96812

AMERICAN REVOLUTION BICENTENNIAL 1776-1976